

Merry Macramé

CHRISTMAS ORNAMENTS



Craft
Publications



GENTLE SPIRIT

STARRY NIGHT

CHRISTMAS-
AND-CRYSTAL

23 Macrame Tree Ornaments,
Most Knotted on Satin Christmas Balls,
For an Especially Creative Christmas

By Sylvia Carroll

#7316

FROM THE DESIGNER



So often we hear the phrase, "Christmas is for children." And so often we see the joy seep out of this holiday season when someone grows up or when his or her children grow up. It is true that, to children, Christmas is real, sure-'nough magic! But I've found that Christmas is equally so for the artist and craftsman. For those who delight in making beautiful things, Christmas continues to be a veritable wonderland of inspiration and joy. For the Christmas season, there is only one requirement for what we make — beauty. No function has to be served . . . no general decor needs have to be considered. It's pure art and craftsmanship for their own sake — almost total artistic freedom!

If you, as a macrame enthusiast, are like me, you're always looking for new things to macrame (especially when there is no room for even one more plant sling, wall hanging, or towel holder). Christmas tree ornaments are a perennial answer to this need. Make a few more each year, trying the same designs in different colors, for different effects. Make them for gifts, too. Your friends will cherish them and marvel at your handiwork year after year when they re-decorate their tree.

Merry Christmas and Merry Macrame-ing!

Sylvia Carroll

Sylvia Carroll edits craft instructional books as a profession, as well as designing her own projects. She is author of *Pillow Weaves* and co-author of *Macrame Pots & Baskets* and *Macrame Pillow Talk*.

GENERAL INFORMATION CORD

• Large-size Crochet Cotton

This thread is slightly larger than most waxed linen or waxed cotton cord and has a diameter of 1mm. It is easy to work with, readily available in needlework departments and inexpensive. Most any project in this book made with large-size crochet cotton can also be made with double-strands of #5 pearl cotton or medium-size crochet cotton. *Speed Cro-Sheen* is one brand, and is the size meant by the term "large-size crochet cotton."

• Medium-size Crochet Cotton

If using this size cord, use 2 strands as one. There is a wider range of colors in this size than in the large-size crochet cotton, but not nearly so wide a range as the #5 pearl cotton embroidery thread (#5 DMC Cotton Perle or Coats & Clark #5 Pearl Cotton). Medium size crochet cotton is readily available and inexpensive. It is a 4-strand crochet cotton.

Knit Cro-Sheen is one brand of this medium-size thread.

• #5 Pearl Cotton Embroidery Thread

#5 DMC Cotton Perle was the type used in the projects for this book. This thread is small — smaller even than waxed nylon — so it is necessary to use 2 strands as one. Cut each cord twice the length indicated in instructions and fold in half for a double-strand cord. Two strands tie a knot about the same size as waxed linen and a bit smaller than large-size crochet cotton. This cord is slightly more expensive than crochet cottons, but still relatively inexpensive. It has a nice sheen and comes in a very wide variety of beautiful colors. It is readily available in most needlework departments. Most any project in this book using #5 pearl cotton thread (#5 DMC Cotton Perle) can also be made with 1-strand lengths of large-size crochet cotton or 2-strand lengths of medium size crochet cotton.

• Waxed Linen, Waxed Cotton, Waxed Nylon

Any of these types of cord or most any non-stretchable thread of about the same size may be substituted for the Crochet Cottons or pearl cotton embroidery thread. It is probably best to use double-strand lengths if using waxed nylon, and single strands of waxed linen or cotton.

• Tinsel (gold or silver)

Use non-elastic type. Sizes which are available not only vary from store to store but also from time to time. A size as thick as #5 pearl cotton works up prettiest; use double-strand lengths. If you can only find the smaller, very thin size, use 3-strand lengths (cut 3 cords the length given in instructions and knot together at ends, to keep the 3 strands together as you tie with them). This cord is mostly found in the beading-craft departments as it is used to crochet beads together.

Typography, Separations, Printing — National Graphics, Inc.

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GENERAL INFORMATION

• Rayon Satin (rattail)

This comes in a smaller and larger diameter. The smaller size is usually necessary except for very large (4") balls, with the large size usually being too large for a design on a 2 7/8" (the most common size) ball.

BALLS

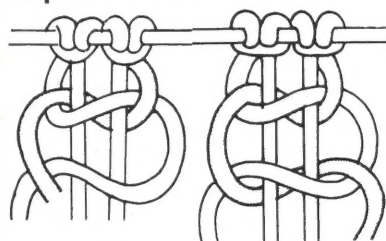
Almost all the projects in this book use the readily-available satin-look Christmas balls, with plastic-foam core — those you see everywhere during the Christmas season. The ball itself, being plastic-foam inside, acts as a knotting surface — you can pin into it. While the satin balls are not overly fragile, don't handle them too roughly, lest you disturb the satin-wound fibers. If a few fibers come loose while working, keep them smoothed down until you have knotted over that portion. If some fibers become too disturbed to keep smoothed down, and yet the ball is still well covered, cut the loose fibers off.

BEADS

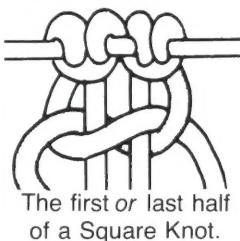
Small beads must be used since they are within a design that is tight against a surface. Giant rocaille (the large size transparent glass) beads are a good choice. The hole of a giant rocaille will accommodate 1 strand of Speed-Cro-Sheen, waxed linen or waxed cotton, or 2 strands of the smaller threads that are used double. In addition, giant rocaille beads have a lot of sparkle, very much in keeping with the holiday spirit.

Small wood beads work with some designs. Most other beads which are small enough for the designs have too small a hole for the cords.

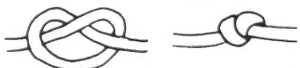
Square Knot



Half Knot



Overhand Knot



A good way to correctly position an Overhand Knot is to place a pin where the knot should be, place the loop of the knot over the pin, and pull the knot tight. The pin will pull the knot to the correct position.

Double Half Hitch (Horizontal)



A row of horizontal Double Half Hitches may itself be horizontal, or it may be diagonal or even curved, but each knot itself is considered to be horizontal. A row of horizontal Double Half Hitches is characterized by one holding cord and multiple tying cords.

Half Hitch (single): The first half of a Double Half Hitch.

Triple Half Hitch: The second half of a Double Half Hitch is tied twice.

Double Half Hitch (Vertical)

Each individual knot is considered vertical, regardless of the direction of a whole row (these are sometimes diagonal, too). The vertical Double Half Hitch is characterized by one tying cord and multiple holding cords.



MACRAME TERMS

Working Cords: All the cords used in a design or portion of the design — both those doing the actual tying and those around which knots are tied.

Tying Cords: The cords which actually tie the knot.

Filler Cords: The cords around which a knot is tied. A "filler" is sometimes a ring or other object, rather than a cord.

Holding Cords: Cord onto which Double Half Hitches are tied, or onto which cords are mounted with Double Half Hitches or Lark's Heads.

Row: A line of knots side by side, each tied with different working cords. Most of the "rows" in these projects are actually "rounds" — circular rows.

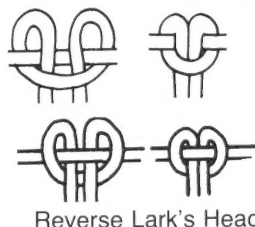
Sinnet: A strip of knots, one under the other, all tied with the same working cords.

Picots: Loops formed with some of the working cords, by leaving space above a knot.

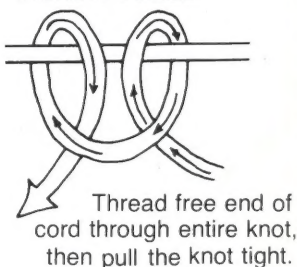
Alternating Cords: This refers to taking part (usually half) of the cords from one group and part (usually half) of the cords from an adjacent group, in order to make up a new group that falls below and between the two groups from which cords were taken.

KNOTS

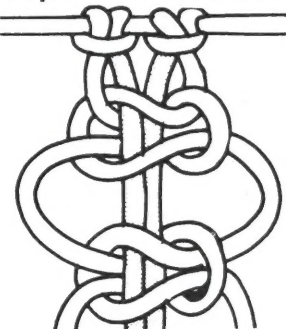
Lark's Head (For Mounting Cords)



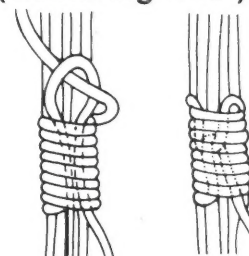
Continuous Lark's Head



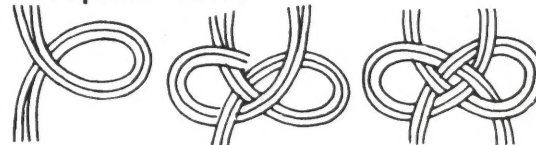
Square Knot Picot



Wrap Knot (Gathering Knot)

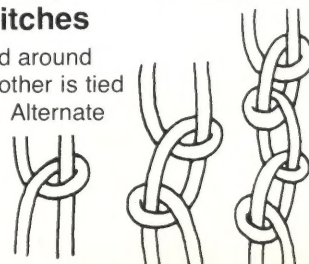


Josephine Knot



Alternating Half Hitches

A vertical Half Hitch is tied around cord 1 with cord 2, then another is tied around cord 2 with cord 1. Alternate for prescribed number of knots.





WINTERGREEN

CHRISTMAS
FLOWER #2

RING OF CHRISTMAS

CHRISTMAS FLOWER #1

GENERAL INFORMATION

TECHNIQUES

- The designs must be worked directly on the ornament, using the ball itself as a knotting surface. The best method I have found for this is to hold the ball between your knees. (If you have a coffee-table-height stool, table, box, etc., to put your feet up on, you can lean back in the chair or sofa and still hold the ball between your knees, in easy reach for working — it's quite comfortable.)

You will turn the ball as you work different areas of it. If pins (holding your knots) are in the way of your knees, just push them all the way in.

- Use straight pins instead of T-pins, for temporarily holding macrame to ball. These have several advantages. They are easier on the small threads and less disturbing to the satin fibers covering the ball. They are easier to keep out of the way of your knees holding the ball. And, while they would not be strong enough to push easily into a knotting board, there is no such problem with the plastic-foam knotting surface (inside the satin covering). Ball-head straight pins have a slight advantage — easier on the fingers when pushing them in and taking them out, and unpinned cords do not catch on them as much as on flat-headed pins. Be sure your pins have sharp points; avoid those made for knit fabrics.
- In your usual macrame knotting, you probably place the pin that is holding the filler cords taut at an angle slightly away from the knotting — for greater tautness. With these ornaments, however, because of the curve of the ball (which itself causes greater tautness), place the pin holding your filler cords either straight into the ball (unangled) or angled just slightly *toward* the knotting. This will enable you to lift the filler cords more easily for putting cords under them.

- Check frequently to make sure you are tying the knots on a given row or section at the same level from center-top or center-bottom of the ball. Adjust when necessary, as inequalities can accumulate as the design progresses, losing the symmetry of the design. Only slight inequalities in level or spacing will work out satisfactorily — without losing the "professional touch." Keep a tape measure handy.
- Keep knots of last row, at any given point, pinned to ball. Remove pins only after all the cords of a knot have been used in lower knots.
- When nearing the bottom of ball, there is only a small amount of clear working space. Keep all cords except the ones with which you're tying a knot pushed up toward top of ball, keeping the empty space clear.
- Some designs have a short alternating Square Knot tube at the top of tassel; and, there is no ball underneath, at this point, into which you can pin your filler cords for tautness. To keep filler cords taut while tying these knots I just hold them with my teeth. There are only a few knots in this area. You may prefer to tie around slack filler cords, or you may find another favorite method of your own.
- Adding on cords with a Square Knot
Fold new cord and put its center behind the cords which will be filler cords, at the point where the knot will be. Using the 2 ends of the new cord as tying cords, tie a Square Knot around the fillers.



EMERALDS & CRANBERRY

Pictured on page 12

Materials

- 24 yds. wine large-size crochet cotton thread or other similar thread, no thicker (see General Information on cords)
- 1, 2 $\frac{7}{8}$ " white satin-wound Christmas ball
- 142 green giant rocaille (3-4mm transparent glass) beads — 50 are optional

1. Cut 24 cords 1 yd. long.
2. Pin one of the cords horizontally to board as a holding cord. Fold the other cords in half and mount to holding cord, with Lark's Heads (see knotting section), in center of holding cord (make the 2 holding cord ends equal in length).
3. Pin knots in a circle around top of ball, bringing the 2 holding cord-ends together. Including the holding cord-ends, you have 48 working cords.
4. Tie six 2-Square-Knot sinnets (see knotting section) with each 8 cords, using 6 fillers per sinnet. Use the 2 holding cord-ends as filler cords, in this step.
5. With the center 4 filler cords of each sinnet: tie a Square Knot; put a bead on the left filler cord from this knot; tie another Square Knot under the bead.
6. With each 2-cord group remaining from step-4 sinnets (1 group on each side of each sinnet) tie 3 tight alternating Half Hitches (see knotting section), using the tying cord (of previous sinnet) as holding cord first.
7. Bring alternating Half Hitch sinnets from adjacent knots together. With each 2 sinnets (4 cords): tie a Square Knot; add a bead to the left filler cord; tie a Square Knot under the bead.

8. Tie 3 tight alternating Half Hitches with the left 2 cords and with the right 2 cords of each sinnet, using the tying cord of sinnet as holding cord first.
9. Repeat step 7.
10. Repeat step 8, with 4 alternating Half Hitches.
11. Repeat step 7.
12. Repeat step 8, with 5 alternating Half Hitches.
13. Repeat step 7, with 2 Square Knots above and 2 below the bead.
14. Repeat step 12, then step 7.
15. Repeat step 10, then step 7.
16. Repeat step 8, then step 7.
17. Under every *other* sinnet, tie 3 alternating Half Hitches with the 2 right cords and 3 alternating Half Hitches with the 2 left cords. Use the filler cord of sinnet (in each group) as holding cord first.
18. Take the 4 cords of beaded sinnets not used in step 17. Bring over to these the adjacent alternating Half Hitch sinnet from each side, making up 8-cord groups. With each group tie 3 Square Knots, using 6 filler cords.
19. Put aside 16 of the longest cords, fairly evenly distributed around the ball (take 2 cords from 2 sinnets and 3 cords from 4 sinnets). With a scrap of same kind of cord, tie tightly around the other cords at center-bottom; use a scrap long enough for ends to be part of the tassel.
20. With the 16 cords set aside, tie 4 Square Knots. Thread a bead on every *other* cord from these Square Knots. Tie a row of alternating Square Knots (see knotting section) with these 16 cords. Let ends hang down with tassel.
21. Cut tassel cords to different lengths. Optional: Thread a bead onto each tassel cord and tie an Overhand Knot (see knotting section) under each bead.

CHRISTMAS-AND-CRYSTAL

Smaller variation of "Emeralds & Cranberry" Pictured on page 1

Materials

- 48 (approx.) yds. med. blue (color #799) #5 pearl cotton embroidery thread or similar thread. (If you use a larger cord, so that 2-strand working cords are not necessary, you need only about 24 yds.)
- 1, 2 $\frac{3}{8}$ " lt. blue satin-wound Christmas ball
- 1, 15mm crystal berry bead
- 122 crystal ("silver") giant rocaille (3-4mm transparent glass) beads — 50 are optional

1. Follow directions for "Emeralds & Cranberry", using $\frac{3}{4}$ -yd. cords, through step 11. (NOTE: If using #5 pearl cotton, reference to "a cord" refers to a 2-strand cord.) Omit steps 12-14. Work step 15 *twice* before proceeding to next step, and continue through step 21. (NOTE: You may wish to tie 4-5 knots in step 21 instead of 3.)
2. Ending: Put glue in space at center-bottom of ball. Working with one sinnet at a time, trim cords at point where they reach center-bottom (should be $\frac{3}{8}$ "- $\frac{1}{4}$ " below last knot of sinnet) and lay them in the glue. When all cord-ends are glued down, cut a 12" strand of thread and tie it, at its center point, tightly around a straight pin. Push straight pin into center-bottom of ball. Thread the 2 ends of the cord through the berry bead. Wrap thread (using as 1 strand) 48 times around a 4"-wide strip of cardboard. (NOTE: if using larger cord and 1-strand working cords, wrap only 24 times). With cords through the berry bead, tie around all these cords on one edge of cardboard, drawing cords tightly together. Cut cords along other edge of cardboard, forming tassel. With a scrap of cord (one you previously cut off), tie around the tassel about $\frac{3}{8}$ " below berry bead. Optional: Thread a rocaille bead onto each 2 strands and tie an Overhand Knot under each, about $1\frac{3}{4}$ " below bottom of berry bead. Trim cords $\frac{1}{4}$ " below Overhand Knots. If not adding beads, cut tassel to desired length.

STARRY NIGHT

Pictured on page 1

Materials

- 60 or 90 yds. silver tinsel thread (yardage depends on whether you use 2 or 3-strand working cords, according to thickness of cord)
- 1, 2 $\frac{7}{8}$ " royal blue satin-wound Christmas ball
- 4 (plus desired number for tassel) dk. blue giant rocaille (3-4mm transparent glass) beads.

NOTE: Tinsel cords must be 2-strand or 3-strand, for proper thickness — see discussion in General section; reference to "a cord" refers to the *group* of 2 or 3 strands.

1. Cut 24 cords $1\frac{1}{4}$ yds. long. If using 3 strands as one, tie an Overhand Knot (see knotting section) at each end to keep strands of group together during knotting.
2. Use one cord as holding cord — pin it horizontally to board. Fold each other cord in half and mount with a Lark's Head (see knotting section) to holding cord. Center the Lark's Heads on holding cord — both ends of holding cord should be of equal length.
3. There are 46 mounted working cords. Starting with cord 2 and ending with cord 45, tie a sinnet of 2 Square Knots (see knotting section) with each 4 cords. Bring ends of holding cord together, curving knots into a circle. Holding cord makes 2 more working cords. Using holding cord ends as fillers and the working cord on each side (previously cords 1 and 46) as tying cords, tie a sinnet of 2 Square Knots. Pin circle around center-top of ball.
4. Tie 3 alternating rows of 2-Square-Knot sinnets. There will be an increasing amount of space between rows, as diameter of ball increases. Use only amount of space from last row that is necessary to tie knots tightly. Last knots of last row should be about $1\frac{3}{4}$ " from center-top of ball. Keep sinnets evenly spaced around ball on each row.

continued on page 6

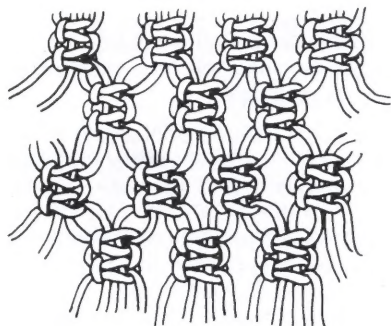
STARRY NIGHT

5. Select one sinnet as starting point and number sinnets 1-12.
6. Separate cords of sinnet #1 into 2 groups of 2 cords each. With each group, tie a $\frac{7}{8}$ " sinnet of tight alternating Half Hitches (see knotting section). Pin these sinnets on a slant, in both directions from Square Knot sinnet. Ends of these 2 sinnets should be about $1\frac{1}{4}$ " apart and, when this step is repeated, there should be about $1\frac{1}{8}$ " between sets.
7. Repeat step 6 with sinnets #4, #7, and #10.
8. Working with sinnets #2 and #3 (8 cords):
 - (a) Tie a Square Knot with the center 4 cords.
 - (b) Tie a $\frac{1}{2}$ " sinnet of tight alternating Half Hitches with first 2 and with last 2 cords.
 - (c) Curve each (b)-sinnet around to meet center 4 cords, right under (a)-knot. Tie an alternating Square Knot (see knotting section) with the first 4 cords and another with the last 4 cords, to join (b)-sinnets. (Flatten out curved sinnets with your finger, if necessary.)
 - (d) With center 4 cords, tie Square Knots (2 to $3\frac{1}{2}$) down to the same level as pinned ends of alternating Half Hitch sinnets tied in steps 6 and 7. Thread a bead on either both or the left filler cord (hole will probably accommodate only 1 working cord) and tie the same number of Square Knots under the bead as above it. (Note: If using 3-strand cords, untie Overhand Knot at bottom, if necessary, to thread on the bead; then retie.)
 - (e) With the first 2 cords (of the 8-cord group) tie an alternating Half Hitch sinnet long enough to reach to the pinned end of the adjacent step-6 sinnet. Repeat with the last 2 cords. Where each of these sinnets meets a step-6 sinnet, join with 2 Square Knots. (The bead should be on level with the center of this joining sinnet.)
 - (f) With the same cords used in (e), tie an alternating Half Hitch sinnet long enough to reach end of Square

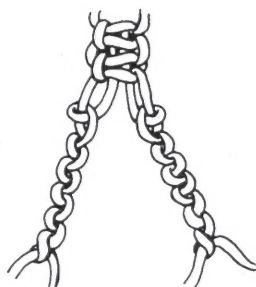
Knot sinnet with bead. Right under last Square Knot, tie an alternating Square Knot with the left 4 cords and another with the right 4 cords (2 cords from alternating Half Hitch sinnet and 2 from Square Knot sinnet, per knot).

- (g) Tie an alternating Square Knot with the center 4 cords.
- (h) Tie a $\frac{1}{2}$ " alternating Half Hitch sinnet with the first 2 cords (of the 8-cord group) and another with the last 2 cords.
9. Repeat step 8 with sinnets #5/#6, #8/#9 and #11/#12.
10. With same cords used for step-6 alternating Half Hitch sinnets, tie another $\frac{7}{8}$ " sinnet of alternating Half Hitches. Bring together each 2 adjacent sinnets and join with a 2-Square-Knot sinnet. (These are joined at a point that is in line with starting point of step-6 sinnets above.)
11. Tri-sect the spaces between the Square Knot sinnets that are joining the $\frac{7}{8}$ " alternating Half Hitch sinnets (from step 10). Separate the cords of last Square Knot in each group under the bead, into groups of 2. Bring each pair of cords outward from the Square Knot to one of the points established by tri-secting the spaces. At these points, tie a 2-Square-Knot sinnet with the 2 cords from step 8(h) sinnet (curve this sinnet around to this point) and with the 2 cords brought over. After this step there will be a row of 2-Square-Knot sinnets all around ball, spaced evenly.
12. Tie alternating rows of 2-Square-Knot sinnets, with increasingly less space between rows, until there is no space between rows (about 3 rows). Optional: To get closer to center-bottom, 1 next tied a row, then an alternating row, of 8-cord Square Knots (6 fillers per knot).
13. Draw all cords together at center-bottom with a Wrap Knot (see knotting section). If desired, add beads onto the tassel (sample added 4 spaced beads to about 16 of the tassel cords — those near outside of the group); tie an Overhand Knot under each bead. Cut off all cords at desired length.

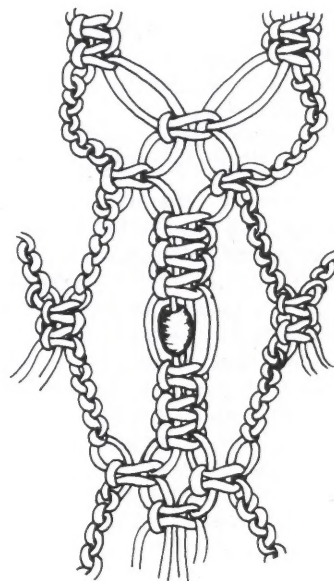
Steps 3 & 4



Step 6



Step 8



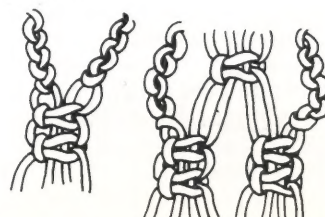
HOLIDAY HOLLY

A variation of "Starry Night"

Pictured on page 13

This design is also shown in green-on-red. This variation uses 30 yds. green large-size crochet cotton (1-strand working cords) and 6mm red wood beads. Only some of the longer cords were used for tassel: (a) Set aside 16 of the longest cords. (b) Tie other cords together tightly, with a scrap, at center-bottom. (c) Tie a tube of 2 or 3 rows of alternating Square Knots, with the 16 cords set aside. (d) With pairs of cords that are long enough, tie loose alternating Half Hitch chains, add a bead, and tie an Overhand Knot under the bead. (e) Cut off tassel cords which are too short to tie chains with, at level of bottom of Square Knot tube.

Step 11



GENTLE SPIRIT

Pictured on page 1

Materials

- 40 yds. lt. blue #5 pearl cotton embroidery thread or similar thread (if using a larger diameter cord, so that 2-strand working cords are not necessary, you need only 20 yds.)
- 1, 2 $\frac{3}{8}$ " lt. blue satin-wound Christmas ball
- 1 bead or large sequin to pin at center-bottom (sample used half a 15mm crystal berry bead; the layers of this type bead come apart easily)

Note: If using #5 pearl cotton embroidery thread, all cords are double-strand, and reference to "a cord" refers to a 2-strand cord.

1. Cut 20 cords 1 yd. long. Pin one horizontally on knotting board, as a holding cord. Mount the others with Lark's Heads (see knotting section), centering these on holding cord (keep holding cord ends equal in length.)
2. With each mounted cord (2 working cords) tie a tight Overhand Knot (see knotting section) right under Lark's Head.
3. Bring holding cord ends together and tie one Overhand Knot with them, right between the two end knots, making circle of 20 knots as small as possible. Pin around center-top of ball.
4. Tie 4 alternating rows of Overhand Knots or down to a level about 1 $\frac{3}{8}$ " from center-top of ball. (When tying Overhand Knots, it is helpful to put a pin about $\frac{1}{8}$ " above where the knot should be and tie the knot around the pin, pulling on the cord end and letting the knot tighten itself around the pin. Remove pin and pull knot down till alternated cords above it are taut; there is usually about $\frac{1}{8}$ " slack after tying the knot, which brings the knot to correct position). Keep knots on each current row pinned, with no slack above them. Remove pins as knots on new current row are tied.
5. Number knots on last row 1-20 (select any knot for starting point). Tie an Overhand Knot (not alternated) with the 2 cords from knot #1, at a point 1 $\frac{3}{4}$ " from center-top of ball. Repeat with knots #5, #9, #13, and #17.
6. Under knot of first set, tie a close row of 2 alternating Overhand Knots: For the left knot, bring a cord from knot #20 and use it with one cord from knot tied in previous step. For right knot, bring a cord from knot #2 and use it

with the other cord from step-5 knot. Repeat with other groups, bringing down a cord from knots #4 and #6, knots #8 and #10, knots #12 and #14, and knots #16 and #18.

7. Tie an alternating Overhand Knot with center 2 cords, close under each 2-knot row. Tie an alternating Overhand Knot on each side (to make a 3-knot row) by bringing over the remaining cord from each of the knots listed in step 6.
8. Tie 2 alternating Overhand Knots with the center 4 cords, close under each 3-knot row. Tie an alternating Overhand Knot on each side of these (for a 4-knot row) by bringing over one cord:
 - For group 1, from knots #19 and #3;
 - For group 2, from knots #3 and #7;
 - For group 3, from knots #7 and #11;
 - For group 4, from knots #11 and #15;
 - For group 5, from knots #15 and #19.
9. Tie 3 *decreasing* rows of alternating Overhand Knots, close under each 4-knot row (a 3-knot, 2-knot, then 1-knot row).
10. (a) With same cords used in step-5 (and in the previous 1-knot row) tie an Overhand Knot 1 $\frac{3}{4}$ " from center-bottom of ball.
 (b) Bring together the free cord from 4-knot row, from each 2 adjacent diamonds and, with these, tie an Overhand Knot 1 $\frac{3}{4}$ " from center-bottom.
 (c) With remaining 2 free cords on each side of each diamond, tie an Overhand Knot halfway between (a) and (b), 1 $\frac{3}{4}$ " from center-bottom.
11. Now tie alternating rows of Overhand Knots until there is a space at center-bottom about the size of a nickel. (There will be less and less space between rows as you approach bottom.)
12. **Alternative endings:**
 - #1 Put glue in space at center-bottom. Cut cords from one knot at a time and lay ends into the glue. Keep last row of Overhand Knots pinned, in an even circle. When glue is covered, put more glue on cord-ends already glued down, and glue others on top, until all cord-ends are cut and glued. Pin a bead or decorative sequin at center-bottom to cover a large area of the cord-ends.
 - #2 If tassel is desired, do not cut cords. Make tassel according to instructions for any of the tasseled projects in this book.

CHRISTMAS FLOWERS

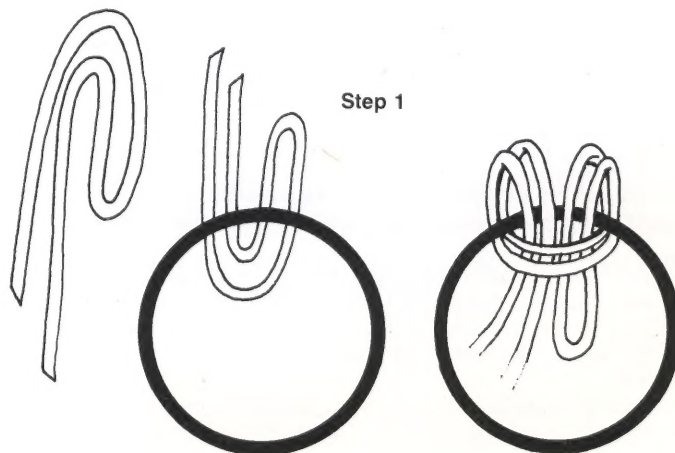
#1 (Red Flower)

Pictured on page 4

Materials

- 4 $\frac{1}{2}$ yds. red large-size crochet cotton thread or similar cord (see General Information on cords)
- $\frac{3}{4}$ " or $\frac{7}{8}$ " plastic drapery ring
- White craft glue

1. Double cord in half and Lark's Head (see knotting section) to ring, at a point near fold, so you leave a short tail on looped end of cord. Tail will give you a hanger; other end will give you 2 long working cords.
2. Tie 25 alternating Half Hitches (see knotting section).
3. Loop chain back to ring and, using the 2 cords as 1 strand, attach them to ring with a continuous Lark's Head knot (see knotting section).
4. Repeat steps 2 and 3 until you have 10 petals.
5. Glue down cord-ends on back of ring and clip them short. Put a little glue on first Lark's Head, to keep hanger (looped starting-end) from slipping back through.



CHRISTMAS FLOWERS

#2 (White and Red Flower)

Pictured on page 24

Materials

- 6 $\frac{2}{3}$ yds. white large-size cotton thread or similar cord (see General Information on cords)
- 56 red giant rocaille (3-mm transparent glass) beads
- $\frac{3}{4}$ " or $\frac{7}{8}$ " plastic drapery ring
- White craft glue

1. Cut a 1 $\frac{1}{4}$ -yd. cord (this will be a filler cord) and a 5 $\frac{1}{3}$ -yd. cord (this will make tying cords). Fold the 5 $\frac{1}{3}$ -yd. cord in half and put looped end together with one end of the 1 $\frac{1}{4}$ -yd. cord. Using all cords as one strand, Lark's Head (see knotting section) to ring, at a point so that there is a short tail on one side of Lark's Head (this includes the looped end of folded cord) and long cords on the other side of Lark's Head. The folded cord makes 2 working cords — there are 3 working cords total. The looped starting-end makes a hanger. Butterfly the tying cords, if you like; butterflies will pass through the ring, when necessary.
2. Tie 1 Square Knot (see knotting section), using 1 filler — the short cord. Add a red bead to filler cord, and tie another Square Knot. Repeat 6 times. (Each petal has 7 beads with 2 Square Knots between them and 1 Square Knot at beginning and at end.)
3. Loop sinnet back to ring and attach all cords to ring with a continuous Lark's Head knot (see knotting section), treating the 3 cords as one strand. Don't twist sinnet as you loop it; press it with your fingers to flatten it out some.
4. Repeat steps 2 and 3 eight times (9 petals total). This brings you all the way around ring.
5. Make sure looped starting-end is in back (the side you designated as back). Glue knot where starting-ends emerge from it. Put glue on the single starting-end (filler cord), clip it short, and glue it down on backside (clip about $\frac{1}{4}$ " long — as long as possible without it showing from front.)
6. Clip finishing-ends the same length and glue them down on backside.

#3 (Pink Flower)

Pictured on page 24

Materials

- 6 yds. bright pink large-size crochet cotton thread or similar thread (see General Information on cords)
- 4 $\frac{2}{3}$ yds. deep rose #5 pearl cotton embroidery thread (or similar thread)
- 49 fuchsia giant rocaille (3-4mm transparent glass) beads
- $\frac{3}{4}$ " or $\frac{7}{8}$ " plastic drapery ring
- White craft glue

1. Cut from large-size crochet cotton: one 1 $\frac{1}{4}$ -yd. pink cord (filler cord) and one 4 $\frac{2}{3}$ -yd. pink cord (tying cords). From pearl cotton thread, cut a 4 $\frac{2}{3}$ -yd. cord and fold it to have a double-strand 2 $\frac{1}{3}$ -yd. rose cord.
2. Fold the 4 $\frac{2}{3}$ -yd. pink cord in half and match its looped end with end of the 1 $\frac{1}{4}$ -yd. pink cord. Using all strands as one, Lark's Head (see knotting section) it to ring, folding it so there is only a short tail (1"-1 $\frac{1}{2}$ ") on one side and 3 long working cords on the other side (folded end is on the "tail" side). The tying cords are longer than the filler cords. Butterfly these (butterflies will pass through ring when necessary). Fold the rose 2 $\frac{1}{3}$ -yd. double-strand cord in half and Lark's Head to ring, next to other Lark's Head, at center-point, for 2 double-strand working cords.
3. With the 2 rose cords, tie 20 alternating Half Hitches (see knotting section). Loop this chain around, bringing last knot back to ring, and tie the first part of a continuous Lark's Head knot (see knotting section) onto ring, treating both working cords as one.
4. With the 3 pink cords, tie a Square Knot (see knotting section), with 1 filler, add a bead to filler, and tie another Square Knot. Repeat 6 times. (Petal consists of 7 beads with 2 Square Knots between them and 1 Square Knot at beginning and at end.)
5. Loop sinnet around (outside the looped alternating Half Hitch sinnet) and tie a continuous Lark's Head onto ring, using the 3 strands as one. Push up close to previous Lark's Heads.
6. Bring the rose cords over on top of this Lark's Head, and tie the second half of the continuous Lark's Head started with it. (Rose continuous Lark's Head begins on one side of the pink Lark's Head and ends on the other side.)
7. Repeat steps 3-6 six more times (7 petals total).
8. Bring rose cords across top of beginning pink Lark's Head and to back of ring. Cut short and glue ends down on back.
9. The looped pink starting-end serves as a hanger. Put glue where it emerges from first Lark's Head, tie secure. Bring single pink starting-end to back, clip short, and glue down.

RING OF CHRISTMAS

Disc Ornament

Pictured on page 24

Materials

- 15 $\frac{1}{3}$ yds. white large-size crochet cotton (or similar) thread (See General Information)
- 7 $\frac{1}{2}$ yds. (approx.) emerald or kelly green #5 pearl cotton embroidery thread (see General Information)
- 3" metal ring
- White craft glue
- 3" square of white felt (optional — see last step)

Note: Green #5 Embroidery cords are doubled; references to "a cord" refer to a 2-strand cord, unless otherwise indicated.

1. Cut 16 white cords $\frac{2}{3}$ yd. long. Mount 6 to top of ring, each with a Lark's Head plus a Half Hitch with each working cord from the Lark's Head (see knotting section). Throughout project mount new cords to ring in this manner.
2. Row 1: Tie a row of 3 Square Knots (see knotting section).
3. Rows 2 and 3: Add another cord (folded in half to make 2 working cords) on each side and tie a row of 4 alternating Square Knots (see knotting section). Repeat, tying 5 alternating Square Knots.

4. Row 4: Add a cord to ring on each side and tie 6 alternating Square Knots.
5. Row 5: Add a cord on each side and tie 3 alternating Square Knots on left and 3 alternating Square Knots on the right. (Center 4 cords are free.)
6. With a 4" (approx.) green cord, tie a vertical Triple Half Hitch (see knotting section) around the center 2 white cords used together as one. Put a dot of glue on back of green knot and trim both ends of tying cords about $\frac{1}{8}$ "- $\frac{3}{16}$ " from knot (on each side). Leave these trimmed ends in front, visible. Throughout project, for top of three (above trunk), put a dot of glue on back of each green end-knot of row and trim cords in this manner.
7. Row 6: Add a white cord to ring on each side and tie 3 alternating Square Knots on each side. Tie another Square Knot on each side of center 2 cords, using 3 cords (1 filler) for each knot. Center 2 cords are free.



PEARLS & SATIN

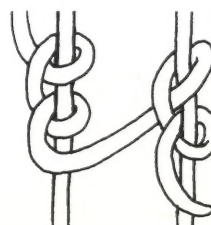
GOLDEN MESH

CHRISTMAS GLOW

RING OF CHRISTMAS

8. With a 6" green cord, tie vertical Double Half Hitches around center 2 cords (used singly — 2 knots). Glue and trim as before.
9. Cut 6 white cords ½ yds. long.
10. Row 7: Add a white cord to ring on each side and tie 4 alternating Square Knots on each side. Center 4 cords are free.
11. With a 6" green cord, tie vertical Double Half Hitches across 4 center cords.
12. Row 8: Repeat step 10; center 8 cords are free.
13. With an 8" green cord, tie vertical double Half Hitches across 6 cords (1 cord on each side is left free).
14. Row 9: Repeat step 10, then tie a Square Knot with 3 cords (1 filler) on each side of center 6 cords.
15. Repeat step 13.
16. Row 10: Tie 4 alternating Square Knots on each side. Double Half Hitch the 2 free white cords on each side to ring. Note: keep all Square Knots on row parallel with one another.
17. With a 10" green cord, tie vertical Double Half Hitches across center 8 cords.
18. Row 11: Bring the 2 edge white cords on each side back to inside of ring. Tie 4 alternating Square Knots on each side.
19. With a 10" green cord, tie vertical Double Half Hitches across the center 8 cords.
20. Row 12: Double Half Hitch 2 edge cords on each side to ring and leave them outside, inactive for remainder of knotting. Tie 3 alternating Square Knots on each side of row. With the next 3 white cords inward, on each side, tie a Square Knot with 1 filler. There are 10 free cords in center.
21. With a 12" green cord, tie vertical Double Half Hitches across the center 10 cords.
22. Row 13: Double Half Hitch outer 2 white cords (each side) to ring, and tie 3 alternating Square Knots on each side. (There are 12 center free cords.)

Step 8



RING OF CHRISTMAS

23. With a 12" green cord, tie vertical Double Half Hitches across the center 10 cords. At this point, you need to tie an extra row of green Double Half Hitches to bring green section level with white side sections. Tie a row across center 12 cords, with a 12" green cord.
24. Row 14: Bring last 2 white cords Double Half Hitched to ring (on each side) back to inside, and tie 3 alternating Square Knots on each side. There are 16 free cords in center.
25. Tree will cover 14 of the 16 free cords. Number these 1-14. Put a bead on cords 2, 4, 6, 9, 11, and 13. Using a 12" green cord, tie vertical Double Half Hitches across these cords, tying onto cords 1, 3, 5, 7/8 (together as one), 10, 12, and 14; carry cord behind beads between these knots.
26. Row 15: Double Half Hitch outer 2 white cords (each side) to ring and leave them outside ring, inactive for remainder of knotting. Tie 2 alternating Square Knots on each side. There are 18 free cords in center.
27. Using an 18" green cord, tie vertical Double Half Hitches across center 14 cords, including cords with beads. Continue to tie around center 2 cords as one.
28. Rows 16 and 17: Double Half Hitch outer 2 white cords (each side) to ring and tie 3 alternating Square Knots on each side. With the next 3 cords inward (each side) tie a Square Knot with 1 filler. This leaves 2 center cords free. Then tie a row of 4 alternating Square Knots on each side, bringing last 2 cords knotted to ring back to inside ring, to use in these knots. This leaves 4 center cords free.
29. With a 6"-8" one-strand green cord, wrap center 2 cords (used as one cord) for the height of the 2 rows tied in step 29. Either glue starting and finishing ends on back or, if you can tie a Wrap Knot (see knotting section) this small, do so.
30. Row 18: Double Half Hitch the 2 outer white cords on each side to ring. Leave outside, inactive from here on. Tie 3 alternating Square Knots on each side.
31. With a 12" green cord, tie vertical Double Half Hitches across center 4 cords, treating center 2 cords separately (as 2 cords). This leaves 2 free cords on each side of green knots. Row 19: Then tie back across same 4 cords in the other direction. Trim tying cord ends to about $\frac{3}{8}$ " and glue them down on back of this green section (these ends will not be visible).
32. Double Half Hitch the 2 outer white cords (each side) to ring, and tie 3 alternating Square Knots on each side.
33. Row 20: Bring last white cords knotted to ring back to inside ring, and tie a row of 8 alternating Square Knots all across.
34. Row 21: Double Half Hitch outer 2 white cords (each side) to ring, and leave permanently outside ring; tie a row of 6 alternating Square Knots.
35. Row 22: Repeat step 34, tying 5 knots.
36. Row 23: Repeat step 34, tying 4 knots.
37. Row 24: Repeat step 34, tying 3 knots.
38. Double Half Hitch the 12 cords from last row to bottom of ring. (Use a tool to push cords through space, if necessary, when space becomes small.)
39. Cut cord-ends to a length so they can be glued on back without extending to inside of ring, and glue them down on back. The back of ornament should be fine (neat) as it is but, if you wish, you may glue a circle of felt to back.

WINTERGREEN

Pictured on page 4

Materials

30 yds. green large-size crochet cotton (or similar) thread
(See General Information)

1, 2 $\frac{7}{8}$ " white satin-wound Christmas ball

98 green giant rocaille (3-4mm transparent glass) beads

1. Cut 24 cords 1 $\frac{1}{4}$ yds. long. Pin one cord horizontally to knotting board, as a holding cord.
2. Lark's Head (see knotting section) the other cords to center of holding cord (make sure both holding cord ends are equal length). There are 46 mounted working cords.
3. With cords 3-44, tie a row of 7 Square Knots (see knotting section) using 6 cords (4 fillers) for each knot.
4. Form a circle with this row, by bringing holding cord ends and the end Square Knots together. With the 6 free cords (including holding cord ends — now additional working cords) tie a Square Knot (4 fillers) to complete the circular row. Pin around center-top of ball.
5. With each 6-cord group (from each knot) tie a Square-Knot/Picot sinnet as follows: Consider cords 1 and 6 as tying-cord set #1; consider cords 2 and 5 as tying-cord

set #2. (Only cords 3 and 4 are fillers throughout sinnet and only 2 tying cords are used for each knot.)

- (a) Tie a Square Knot using tying-cord set #2 (use 4 cords, tying cords 1 and 6 are pushed aside), under previous knot.
- (b) Place a pin about $\frac{3}{16}$ " below last knot. Push tying-cords #2 aside. Bring tying-cord set #1 down over set #2 and tie a Square Knot under the pin. Push knot up to previous knot so that tying cords form picots. Tie another Square Knot directly under previous knot, using same tying cords and cords 3 and 4 as fillers.
- (c) Repeat (b) with tying-cords #2 (push set #1 aside and bring set #2 down over them).
- (d) Repeat (b) with tying-cords #1.
- (e) Repeat (b) with tying-cords #2, but do not tie additional Square Knot at end.
6. Divide each 6-cord group into 2 groups of 3 cords each. With each 3-cord group: tie 2 Square Knots (1 filler), put a bead on filler cord, tie 1 Square Knot under the bead.
7. Alternate sinnets (bring together 1 sinnet from each adjacent 6-cord group). Tie a Square Knot with the center 4 cords of each new 6-cord group (2 fillers).
8. Divide groups into 3-cord groups again. With each group: tie 2 Square Knots (1 filler), put a bead on filler, tie 2 Square Knots.
9. Repeat step 7.
10. Repeat step 8.
11. Repeat step 7.
12. Divide into 3-cord groups again. With each group, tie 1 Square Knot (1 filler), put bead on filler, tie 2 Square Knots under bead.
13. Repeat step 7.
14. With each 6-cord group (from each pair of joined sinnets) tie a Square-Knot/Picot sinnet as follows: Designate 2

Step 5



WINTERGREEN

tying-cord sets, as before (cords 1 and 6 = set #1; cords 2 and 5 = set #2).

- (a) Tie 2 Square Knots under the knot tied in step 13, using tying-cord set #1 (push set #2 out of the way). No picots.
 - (b) Place pin about $\frac{3}{16}$ " below previous knot. Push tying-cords #1 to the side. Bring set #2 *under* set #1 and tie a Square Knot under the pin. Push up to previous knot to make picots. Tie another Square Knot directly under previous knot.
 - (c) Repeat (b) using tying-cords #1.
 - (d) Repeat (b) using tying-cords #2.
 - (e) Repeat (b) using tying-cords #1, but omit the additional Square Knot.
 - (f) Tie a 6-cord Square Knot (4 fillers — include set #2 tying cords as fillers), using tying-cords #1.
- Leave these sinnets unpinned at bottom (but pinned at top) till this step is complete, so you can push them up out of the way for more working room.
15. Pin ends of step-14 sinnets evenly around bottom-center of ball. Turn ball upside down and push all cord-ends upward, exposing the small space at center-bottom. Sixteen of the cords are shorter than the others (tying-cord sets #1 of step 14). Put glue at center bottom, trim the 16 cords short and glue ends down. Bring together the filler cords of step-14 sinnets (not tying-cords #2) at center-bottom, and with a 12" cord, tie tightly around them. Let ends of this cord hang down with others. This leaves 16 cords (tyingcord sets #2) unused.
 16. With these 16 remaining cords, tie a Square Knot with each 4 cords. Tie 2 rows (rounds) of alternating Square Knots (see knotting section) around tassel, forming a tube; pull knots tightly together.
 17. With the outer 16 tassel cords (from last knots), thread 2 beads onto each and tie an Overhand Knot (see knotting section) 1" below last step-16 row. Thread 2 beads on the "outer" 9 (approx.) of the remaining cords, and tie an Overhand Knot about $1\frac{1}{2}$ " below last step-16 row. Thread 2 beads on the 6 (approx.) "outer" cords of the remaining cords and tie an Overhand Knot about 2" below last step-16 row. Thread 2 beads on each of the remaining cords and tie an Overhand Knot about $2\frac{1}{2}$ " below last step-16 row. Trim cords about $\frac{1}{4}$ " below Overhand Knots, after tying each knot.

GOLDEN MESH

Pictured on page 9

Materials

27 yds. gold cloisonne thread (sold with needlepoint supplies)

1, 2 $\frac{3}{8}$ " yellow satin-wound Christmas ball

1. Cut 22 cords 44" long. Use one as holding cord and Lark's Head (see knotting section) the other 21 cords onto it, working from center of holding cord to both sides. (Holding cord ends should be of equal length.) Tie a tight Overhand Knot (see knotting section) at ends of each cord as you cut them, to keep them from fraying; a tight Overhand Knot in 1 strand of this type cord will not even show.
2. Bring ends of holding cord together and tie one Overhand Knot with these 2 working cords. Place circle around center-top of ball. Tie one Overhand Knot with every 2 working cords mounted with Lark's Heads. HINT: To easily tie Overhand Knot exactly where you want it, put a pin at that point and slip the loop around the pin before pulling the knot tight; it will pull tight around the pin and your knot will be in the right place and already pinned down, too. Tie first row of Overhand Knots close under Lark's Heads.

CHRISTMAS GLOW

Pictured on page 9

Materials

6 $\frac{2}{3}$ yds. 1 $\frac{1}{2}$ mm terra-cotta rayon satin (rattail) cord

24 $\frac{1}{3}$ yds. or 16 $\frac{2}{3}$ yds. gold tinsel thread (yardage depends on diameter — whether you must use 2-strand or 3-strand working cords)

1, 2 $\frac{3}{8}$ " satin-wound Christmas ball

Note: Gold cords should be 2 or 3 strands each (see discussion in General section), and reference to "gold cord" refers to the *group* of 2 or 3 strands.

1. Cut 8 satin cords 30" long. Criss-cross these, at their midpoints, across center-top of ball. (If ball has hanger attached, curve cords around hanger.) Space the 16 working cords evenly around ball and pin in place.
2. Cut 8 gold cords 1 yd. long. (If using 3-strand cords, tie an Overhand Knot at each end, to keep strands together.) Using a folded gold cord as tying cords and a satin cord as filler, tie on the gold cord with a Square Knot (see knotting and techniques sections), about $\frac{3}{8}$ " from center-top of ball. Tie an Overhand Knot (see knotting section) with the satin cord as close under gold Square Knot as possible, then tie another gold Square Knot under the Overhand Knot. Repeat with every *other* satin working cords around ball.
3. Optional: Tie an Overhand Knot with the plain satin cords between gold sinnets. If this seems crowded, omit, for this row, and go on to next step.
4. Alternate *gold* cords (bringing over one from sinnet on each side of plain satin cord). Tie a Square Knot, using satin cord (previously plain) as filler; tie an Overhand Knot close under Square Knot, with satin cord; tie a Square Knot close under Overhand Knot.
5. With satin cords *not* used in last step, tie an Overhand Knot in center of space between gold sinnets of previous step. Center this knot in the height as well as the width of this space.
6. Repeat steps 4 and 5 alternately to bottom of ball (about 7 times).
7. Bring all cords together and tie a Wrap Knot (see knotting section) around them with a 12" piece of (1-strand) gold thread.
8. Tie an Overhand Knot in each satin cord $1\frac{3}{4}$ " below bottom of ball and cut off about $\frac{1}{4}$ " below knot. Tie an Overhand Knot in each gold cord (2 or 3-strand cords, as before) at same level (or, if you already had Overhand Knots, adjust them to this level, as necessary) and trim about $\frac{3}{8}$ " below each knot.

3. Tie rows of alternating Overhand Knots down to center-bottom of ball — 2 cords per knot. Keep current row pinned down, as you work, in order to keep rows straight. There will be no (or little) space between the first few rows, but space will increase as diameter of ball increases. Leave about as much space from previous row as half the space between two adjacent knots on previous row (the 2 knots you're alternating with). Don't pull knots any tighter than necessary; the larger (looser) knots will give more texture to the design. When nearing bottom, after tying about 2 rows with no space between them, you can get closer to center-bottom by using 4 working cords per knot for next row, then an alternating row with 4 cords per knot.
4. When there is space the size of a dime or less at center-bottom, bring all cords together and tie a Wrap Knot (see knotting section) with an extra piece of cord (6"-8" long).
5. Shorten any tassel cords which need it by tying a tight Overhand Knot at the correct length and cutting cord below knot (some are already the right length and already have an Overhand Knot in them). Trim any fraying ends below Overhand Knots in cord-ends.



CHRISTMAS TAPESTRY

12

EMERALDS
& CRANBERRY

CANDY
COLORS

GOLDEN SPIRAL

*What else is creative as Christmas?
Imagination soars free,
With no aim to serve except beauty —
Just create a glorious tree!*



RUBIES & LACE

HOLIDAY PLAID

*The soul gets an outing at Christmas,
The spirit enlarges its sphere.
And one of the greatest things of it:
It happens again every year.*

HOLIDAY HOLLY

PEARLS & SATIN

Pictured on page 9

Materials

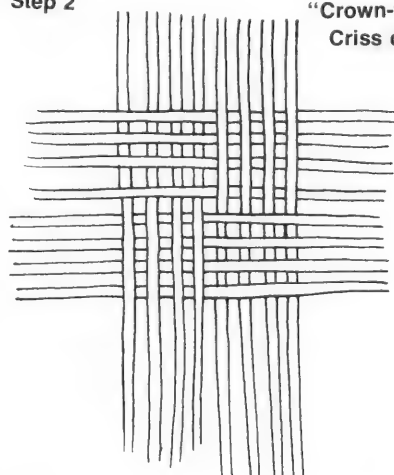
- 12 yds. terra-cotta or burnt orange 1½mm rayon satin (rat-tail) cord
- 1, 2⅝" orange satin-wound Christmas ball
- Optional: 41 green 4mm (approx.) ball-head pins (sample used lt. olive pearl)
- White craft glue

1. Cut 16 cords ¾ yd. long.
2. Using 4 cords together side by side, criss-cross the 4 groups, at their center-points, at center-top of ball (around hanger, if there is one attached), in crown-knot pattern (see diagram).
3. You have 8 working cords going in each of the 4 directions around ball. Tie a Square Knot (see knotting section) with each group, using 6 filler cords per knot.
4. Divide cords into alternating groups of 4 cords each — every other group is made up of 2 cords from each 2 adjacent knots, which leaves a group of 4 cords under each original knot.
5. With each group:
 - (a) Tie a Square Knot.
 - (b) Using the filler cords only, tie a vertical Half Hitch (see

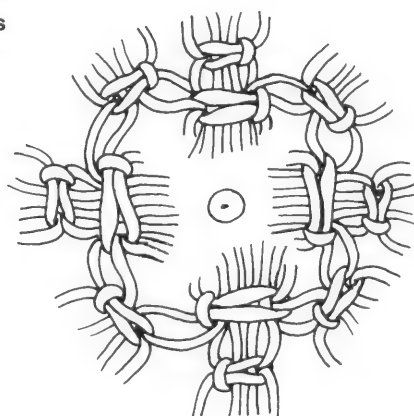
knotting section) with the right filler cord around the left filler cord. Optional: Insert a ball-head pin in center of this knot; it will look like this (DIAGRAM). If desired, you can insert the pin most of the way before tying the knot, between the 2 cords and the width of one strand below last Square Knot, and tie the Half Hitch around the pin and the holding cord at the same time; then push pin down flush to knot. This way you won't tie the Half Hitch so tight that it's hidden under the pin.

- (c) Place a pin ⅛" below Half Hitch and tie a Square Knot at this level (use same cords as in (a)). Remove pin and push the knot up to the Half Hitch, so that tying cords loop out slightly.
6. Repeat step 5 four more times, alternating cords for new groups before beginning each row.
 7. Bring cords of each 2 adjacent knots together, for 8-cord groups, and tie a Square Knot with each group (6 fillers per knot).
 8. Put glue in space at center-bottom of ball. Cut filler cords to about ⅜" long and glue them down in this space. Put glue on top of glued-down cord-ends. Using tying cords in pairs — one from each 2 adjacent knots per pair — glue these down in a crown-knot pattern on top of other cord-ends, cutting these to appropriate length. Optional: Insert a ball-head pin into center-bottom.

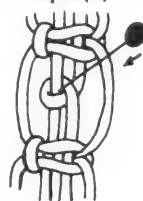
Step 2



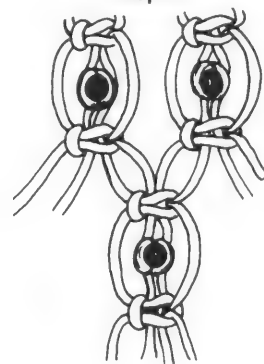
"Crown-type"
Criss cross



Step 5(b)



Step 6



Step 8



Bottom after final gluing

CHRISTMAS TAPESTRY

Pictured on page 12

Materials

- 2 spools dk. red #5 pearl cotton embroidery thread or similar thread (about 100 yds.)
- 2 spools lt. green #5 pearl cotton embroidery thread or similar thread
- 1, 2¾" plastic-foam ball

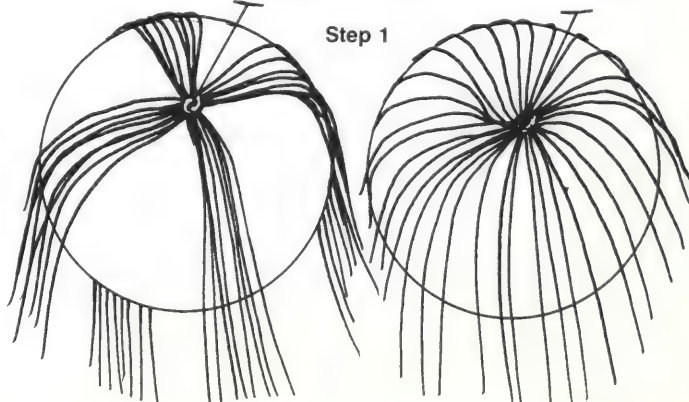
NOTE: All #5 Embroidery thread cords are doubled; reference to "a cord" refers to a 2-strand cord.

1. Cut 16 green 2¾ yds. long. Tie one Overhand Knot (see knotting section) in the center of 8 of these cords and pin through this knot at center-top of plastic-foam ball. Repeat with the other 8 cords, pinning these on top of the previous knot, so that these cords are crosswise to the direction of the first group. Radiate cords around top of ball, like spokes of a wheel.
2. Cut a 10-yd. red cord (measure 20 yds. and fold for one doubled cord, if using #5 pearl cotton or other cord that size). Butterfly end and secure butterfly with a plastic-bag tie. (A rubber band will cause this cord to tangle. When you need more cord, remove wire-tie, unwind more cord

from butterfly, then retie.) Using the red cord as tying cord, tie vertical Double Half Hitches (see knotting section) around all green cords.

3. At end of row, continue around spirally for more rows. Diameter will increase. As you need more green holding cords to fill in gaps, use the following procedure: Measure

Step 1



CHRISTMAS TAPESTRY

an existing working cord and cut a new green cord to this length (length will decrease as design progresses). Use a T-pin to push this cord up under previous rows for about 1/2", at the point where it is to be added. Secure the new cord with a pin, or a little glue up under previous rows, or by holding, until it is firmly attached in the knotting. (You can't pull on it until several vertical knots have been tied onto it, or until it has been used to tie a horizontal Double Half Hitch — whichever comes first. If using double strand cords, you can insert a pin through previous knotting at the point to catch the midpoint loop of the new cord. This holds it fine and you can pull on it right away.) Tie a vertical Double Half Hitch onto the new working cord, then continue row as usual, until another cord needs to be added. Use this procedure throughout project for adding new cords when vertical Double Half Hitches are being tied.

When long red cord runs out, cut another 10-yd. cord and continue. End old cord before a vertical Double Half Hitch — preferably between 2 vertical Double Half Hitches (although after a horizontal Double Half Hitch and before a vertical Double Half Hitch is okay).

4. After 3 rows of red vertical Double Half Hitches, tie one row of horizontal Double Half Hitches (see knotting section) onto red cord, with all green cords. Add new green cords in any gaps, as follows: Measure an existing working cord. Double this length (as you will be adding 2 new working cords at one time). Mount at midpoint to red cord with a reverse Lark's Head (see knotting section). Use this method throughout project for adding a new cord on a row when horizontal Double Half Hitches are being tied. If needed, to cover more space, tie an extra Half Hitch with one of the new working cords after mounting with a reverse Lark's Head.
5. After green horizontal Double Half Hitch row, tie 2 rows of red vertical Double Half Hitches. Continue to tie rows spirally, throughout.
6. The upper design band is 5 rows deep:
 - Row 1. One row green horizontal Double Half Hitches.
 - Row 2. *1 red vertical Double Half Hitch, 4 green horizontal Double Half Hitches, repeat from * all around. (When there are 15-19 cords before end of row, count remaining cords to see if there will be extra ones — more than 15; if so, distribute extra ones equally between last 3 red knots. Ex: tie 1 red vertical Double Half Hitch followed by 5 or even 6 green horizontal Double Half Hitches, instead of 4, to end of row.)
 - Row 3. *Tie green horizontal Double Half Hitches up to 1 cord before red knot of last row, tie 3 red vertical Double Half Hitches (these will be centered under single red knot of last row), and repeat from * all around.
 - Row 4. *Tie green horizontal Double Half Hitches up to middle of 3-knot red group on previous row, tie 1 red vertical Double Half Hitch (this will be under middle knot of red 3-knot group), and repeat from * all around.
 - Row 5. One row green horizontal Double Half Hitches. Continue to add new working cords as needed, in this upper border design, adding them in green areas.
7. Tie 2 rows red vertical Double Half Hitches.
8. Flower design area: Follow graph design, tying green horizontal Double Half Hitches where there are dk. squares and red vertical Double Half Hitches where there are white squares. There are 4 flower motifs around ball, with 5 background spaces between them. Total knots in motif areas on first row is 28. Count all green working cords, subtract the 28 motif-area cords, and divide the rest among the 5 background spaces, to know how many

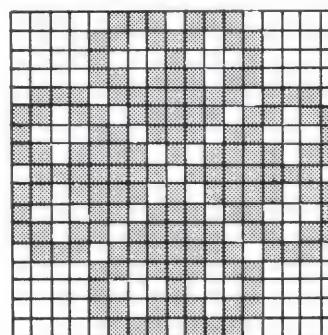
knots to tie between motifs on first row. There must be a minimum of 10 knots between motifs on first row. Any number more than this is fine, and you are not likely to have less cords or else you would have gaps on previous rows.

As diameter or rows increases, add new working cords in the red background areas, as described in step 3. (It is best, but not necessary, to add each new cord in or near center of background area.) If, at any point, you must add width within motif areas, do so by tying horizontal Triple Half Hitches, instead of Double Half Hitches, with some of the green cords, rather than adding new cords.

When rows begin to decrease in diameter, delete (by clipping to about 1/2") the green holding cords in red background areas, as the knots become crowded. Keep previous knotting pressed tight against ball as you knot, so you can easily see when deletion is necessary. Do not delete 2 adjacent cords at the same time. To decrease in motif area, return to Double Half Hitches, as necessary, where you previously tied Triple Half Hitches. *Do not delete* any working cords in motif areas.

9. After motifs are complete, tie 2 rows of red vertical Double Half Hitches.
10. Next border design, 5 rows: Repeat step 6, except on second row, tie 5 or 6 green horizontal Double Half Hitches between the red vertical Double Half Hitches, giving you a margin for deleting some cords, if necessary, on subsequent rows. Delete working cords, as necessary, in green-knot areas.
11. Tie 2 rows red vertical Double Half Hitches.
12. Lowest border design (3 rows): (Continue to skip and clip working cords, as necessary, for decreasing diameter.)
 - Row 1. One row green horizontal Double Half Hitches.
 - Row 2. Alternate one red vertical Double Half Hitch and one green horizontal Double Half Hitch, all around.
 - Row 3. One row green horizontal Double Half Hitches.
13. Tie red vertical Double Half Hitches to center-bottom — about 4 or 5 more rows, or however many possible. From this point, do not clip deleted cords; just leave them behind knotting. They will emerge at center-bottom for tassel.
14. Wrap tassel for about 1/2", with a green cord (Wrap Knot — see knotting section). Trim tassel even to desired length.

Flower Motif



■ = Green Horizontal DHH

□ = Red Vertical DHH



SNOWFLAKE #3

PINK 'N PEARLY

GOLDEN SPIRAL

Pictured on page 12

Materials

- 1 spool dk. red large-size crochet cotton or similar size thread (see General Information on cords)
- 1 spool gold/metallic-gold medium-size crochet cotton thread* (See General Information on cords)
- 1, 2 $\frac{7}{8}$ " x 4" plastic-foam egg
- Gold bead (approx. 8mm-10mm)

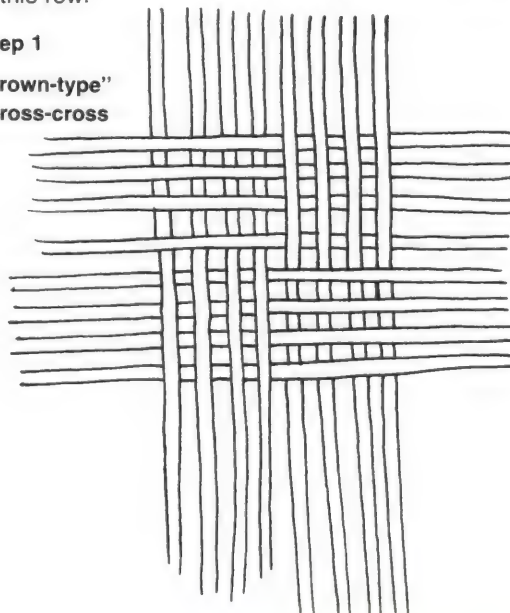
*Double gold crochet-cotton, using 2 strands per working cord. If you do not find this thread, substitute gold tinsel, using 2- or 3-strand working cords, depending on thickness of cord — see discussion in General section. In instructions, "a cord" refers to a 2-strand medium-crochet cotton cord or a 2- or 3-strand tinsel cord.

1. Cut 8 red cords 1 $\frac{3}{4}$ yds. long. Using cords in pairs, criss-cross them in a "crown-knot" pattern. Pin "crown" to center-top (small end) of plastic-foam egg. Note: If desired, you can press the small half of the egg to mold it to a teardrop rather than egg shape.
2. Cut a 10-yd. gold cord (remember, a 2- or 3-strand cord). Butterfly this cord and secure butterfly with a plastic-bag tie; untie to unwind, when necessary, then retie. Use gold as tying cord and tie a row (round) of 8 vertical Double Half

Hitches (see knotting section) around all red cords, using each pair (2) of red working cords as one holding cord, for this row.

Step 1

"Crown-type"
Cross-cross



GOLDEN SPIRAL

3. Continuing in same direction, spirally (throughout), tie a row of 16 vertical Double Half Hitches, tying onto each *single* red working cord. Within project, when tying cord runs out, cut another one and continue with it where old one ended. (It is easier to make this change after a vertical Double Half Hitch with old cord, followed by another vertical Double Half Hitch with new cord.)
4. Next row: *Add a 1¾-yd. red cord, at its midpoint, onto gold cord, with a reverse Lark's Head (see knotting section). Tie gold vertical Double Half Hitches around next 2 red cords. Repeat from * all around.
5. Next row: Tie a gold vertical Double Half Hitch around the first of the 2 new working cords from Lark's Head of above row. (This is right after ending last row with 2 gold vertical Double Half Hitches.) Then tie 2 red horizontal Double Half Hitches (see knotting section) and 2 gold vertical Double Half Hitches alternately around row. (The first working cord from every Lark's Head of above row will be a holding cord for a vertical Double Half Hitch. The second of each new pair of working cords will be a red horizontal Double Half Hitch. The first of each set of 2 gold vertical Double Half Hitches, on row above, will have a red horizontal Double Half Hitch under it.) If too crowded, tie only a single horizontal Half Hitch with some of the red cords (but not the new ones from Lark's Heads).
6. Next row: Tie a gold vertical Double Half Hitch under the first red knot of last row. Then alternate 2 red horizontal Double Half Hitches and 2 gold vertical Double Half Hitches all around. Second knot of each color-set should be below a knot of the other color.
7. Next row: *Add a new red cord, at its midpoint, onto the gold cord, with a reverse Lark's Heads (2 new working cords), at beginning of each red section. After Lark's Head, tie 2 red horizontal Double Half Hitches with next 2 cords (red sections are wider on this row), then 2 gold vertical Double Half Hitches. Repeat from * all around. NOTE: For rest of project, when adding a new cord with reverse Lark's Head, measure an existing red working cord and double this length. Each new cord gives 2 new working cords.
8. Next row: Alternate 3 red horizontal Double Half Hitches and 3 gold Double Half Hitches all around, starting and ending each 3-knot color-section one knot *past* where it started and ended on previous row.
9. Next row: Repeat step 8, tying a horizontal Triple Half Hitch with middle cord in each red section.
10. Next row: Tie with red up to first gold section. Start and end each 2-knot gold vertical Double Half Hitch section one knot *past* where it started and ended on previous row. In between gold sections, tie red horizontal Double Half Hitches, adding on a new red cord, at midpoint, in each red section.
11. Next row: Tie with red up to first gold section. Start gold sections under *same* knot as on previous row and tie 4 vertical Double Half Hitches in each gold section, ending one knot *past* end of gold section on previous row (gold sections widen). Tie horizontal Double Half Hitches with red cords in between gold sections, adding on any new red cords necessary.
12. Next row: Tie with red up to first gold section. Start and end gold sections one knot *past* the start and end of gold sections on previous row (4 gold vertical Double Half Hitches). Tie horizontal Double Half Hitches with red cords between gold section.
13. Repeat step 12 continuously, up to widest part of egg, adding on cords in red sections as needed. Gold sections continue to have 4 gold knots, starting and ending one knot *past* the start and end of gold section on previous row (this makes stripes spiral). Keep last row of knotting pinned tightly against egg at all times. Try to keep the number of cords in red sections about the same among all red sections.
14. When diameter begins to decrease, delete cords in red sections, as necessary, by clipping about ½" below last knot tied with it. (On subsequent rows, tie on top of clipped ends.) Keep number of cords in red sections fairly equal. Continue gold pattern as before.
15. When red cords have been deleted until there are about 4-5 cords in each red section, decrease gold sections to 3 vertical Double Half Hitches, by tying around the last 2 cords of previous-row gold section, then the next cord. When cords have been deleted to about 3-4 cords in red sections, reduce gold sections to 2 knots wide, as described before. When there is very little space left, reduce gold sections to 1 knot wide. Last row should leave a space about ¼"-⅜" diameter at center-bottom, with remaining cord-ends overlapping each other in this area (trim them further, if necessary).
16. Put glue on top of cord-ends. Pin gold bead at center-bottom, on top of glue and cord-ends. (If you use a ball-head pin of appropriate color, pin can be left as part of the design; if using a regular straight pin, remove when glue dries, if it is too visible.)

RUBIES & LACE

Pictured on page 13

Materials

24⅓ yds. white large-size crochet cotton (or other cord, not thicker than this) See General Information.

1, 2⅞" red satin-wound Christmas ball

58 red giant rocaille (3-4mm transparent glass) beads

1. Cut 24 cords 1 yd. long.
2. Pin one cord horizontally to board as a holding cord and mount the other 23 cords onto it, with Lark's Heads (see knotting section) 46 mounted working cords. Center Lark's Heads on holding cord.
3. Tie a sinnet of 2 Square Knots (see knotting section) with each 4 working cords, using cords 2-45 (first sinnet with cords 2-5).
4. Bring ends of holding cord together, forming a circle. Using holding cord ends as filler cords and cords 1 and 46

as tying cords, tie a sinnet of 2 Square Knots. You now have a circle of 12 sinnets (48 working cords). Pin circle around center-top of ball.

5. Tie 3 alternating rows (rounds) of 2-Square-Knot sinnets. You will need to leave a little space between rows (more each row) as diameter of ball increases. Leave only amount of space necessary to draw the filler cords together and to tie a tight knot.
6. Number sinnets of last row 1-12. Tie an alternating Square Knot (see knotting section) between sinnets 2 and 3, sinnets 5 and 6, sinnets 8 and 9, and sinnets 11 and 12. Leave enough space from last row to tie each knot tightly.
7. Bring the other filler cord from sinnet 2 and from sinnet 3 over the tying cords of step-6 knot, as new tying cords. Set tying cords from step 6 knot aside. Using the same filler cords, tie a Square Knot under the step-6 knot. Repeat with other 3 sets around ball (designated in step 6).

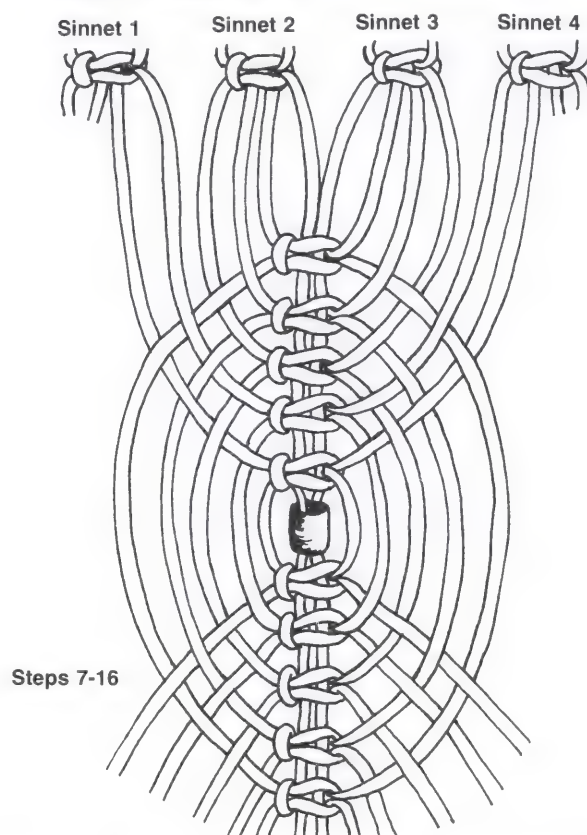
RUBIES & LACE

8. Bring the remaining tying cord from sinnet 2 and from sinnet 3 *under* step-6 tying cords and *over* step-7 tying cords. Use these as new tying cords and, using same step-6 filler cords, tie another Square Knot (using only these 4 cords) under the previous one. Repeat with other groups around.
9. Bring the adjacent tying cord (moving outward from sinnet begun in step 6) from sinnet 1 and from sinnet 4 over the step-6 tying cords, under step-7 tying cords, and over step-8 tying cords. Tie a Square Knot with these cords around same fillers, under previous knot. Repeat with second group, using the adjacent tying cord from sinnet 4 and from sinnet 7. Repeat with third group using the adjacent tying cord from sinnet 7 and from sinnet 10. Repeat with fourth group, using the adjacent tying cord from sinnet 10 and from sinnet 1.
10. Bring the adjacent filler cord (moving outward from sinnet begun in step 6) from sinnet 1 and from sinnet 4 under step-6 tying cords, over step-7 tying cords, under step-8 tying cords, and over step-9 tying cords. Tie a Square Knot with these cords around same fillers, under previous knot. Repeat with other groups, using the adjacent filler cords from sinnets designated in step 9 as tying cords.
11. You now have 4 groups of 12 cords each (with a Square Knot sinnet down the middle of each). Number cords in each group 1-12. Put a bead on cord 6 (left filler cord of sinnet) of each group.
12. Tie a Square Knot under each bead with cords 5-8.
13. Bring cords 4 and 9 down and *over* step-12 tying cords, and tie a Square Knot under previous knot (same filler cords). Tying cords should loop out slightly.
14. Bring cords 3 and 10 down and *under* step-12 tying cords and *over* step-13 tying cords. Tie a Square Knot around same fillers, under previous knot. Tying cords should loop out slightly, around previous tying cords.
15. Bring cords 2 and 11 down and over step-12 tying cords, under step-13 tying cords, and over step-14 tying cords. Tie a Square Knot around same filler cords; tying cords should loop out slightly around previous tying cords.
16. Bring cords 1 and 12 down and under step-12 tying cords, over step-13 tying cords, under step-14 tying cords, and over step-15 tying cords. Tie a Square Knot (same fillers); tying cords loop outward, as before.
17. With cords 3-6 and 7-10, tie 2-Square-Knot sinnets, the same distance below and to the sides of each previous motif as the two corresponding sinnets above motif.
18. With the 2 outer cords of each 2 adjacent motifs (4 cords total), tie a 2-Square-Knot sinnet halfway between those tied in step 17. These will fall under the corresponding sinnets in the row above motifs. You should have a com-

- plete row (round) of sinnets evenly spaced around ball.
19. Tie 3 alternating rows of 2-Square-Knot sinnets.

Tassel:

20. Number sinnets in last row 1-12. Set aside cords in sinnets 1, 4, 7, and 10. Draw all other cords together at center bottom and tie around them tightly with a 12" cord. Let ends of this cord become part of tassel.
21. With cords set aside, tie a row (round) of 4 Square Knots. Leave any space necessary between these and previous row of sinnets, in order to tie these knots right at edge of tassel. Tie 2 more tight rows of alternating Square Knots, forming a short tube around tassel. Put a bead on the left filler cord of each knot on last row, and tie a Square Knot under the bead with same cords as for knot above bead. Let cords hand down with rest of tassel cords.
22. Thread 2 beads onto each tassel cord and tie an Overhand Knot (see knotting section) in each tassel cord, about $2\frac{3}{4}$ " below bottom of ball. Trim each cord about $\frac{1}{4}$ " below Overhand Knot.



Steps 7-16

HOLIDAY PLAID

Pictured on page 13

Materials

- 32 yds. green large-size crochet cotton or similar thread — no thicker (see General Information on cords)
 - 1, 2 $\frac{7}{8}$ " red satin-wound Christmas ball
 - 72-88 red giant rocaille (3-4mm transparent glass) beads (optional)
1. Cut 32 cord 1 yd. long.
 2. Use one cord as holding cord. Mount, with Lark's Heads (see knotting section), the other 31 cords — there are 62 working cords. Tie a row of Square Knots (see knotting section), with working cords 2-61 (4 cords per knot), centering row on holding cord.

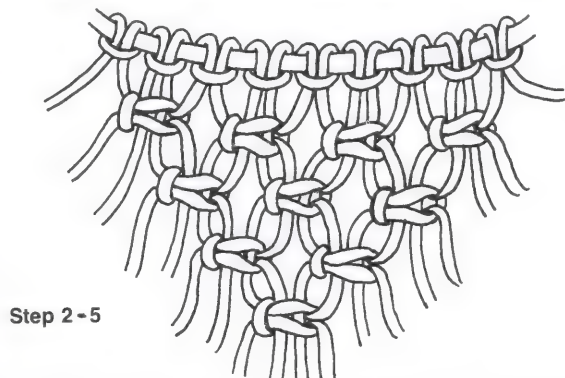
3. Bring ends of holding cord together, forming a circle with row of knots. Use the 2 ends of holding cord as 2 more working cords (now 64) and tie a Square Knot with these and the 2 free cords on each end of row (previous 1 and 62).
4. Pin circle around center-top of ball (top edge of circle will be about $\frac{5}{8}$ "- $\frac{3}{4}$ " from center-top).
5. Divide first row knots into 4 groups of 4 knots each. Under each group, tie 3 decreasing rows of alternating Square Knots (3-knot, 2-knot, then 1-knot row), forming upside-down triangles.
6. Place a pin $\frac{1}{2}$ "- $\frac{5}{8}$ " below one of the upper points between 2 triangles. Bring over the first (top) 2 cords from each triangle on each side of pin (4 cords total) and tie a Square

HOLIDAY PLAID

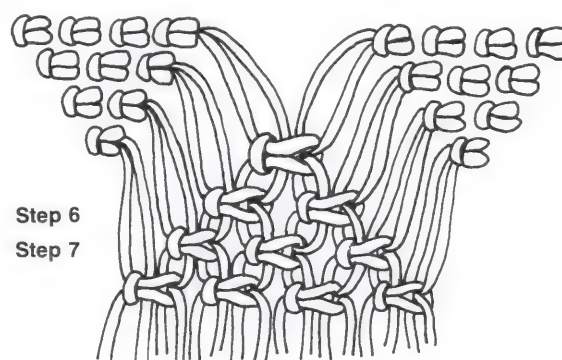
- Knot under the pin. Place the pin into the knot itself.
- Tie 3 increasing rows of alternating Square Knots, as follows: Bring over the next 2 cords from each side, for each new row. On each side, place a pin slightly below and to the side of edge knot before bringing over these cords. Bring the cord that will be a filler cord around the pin, so that the 2 filler cords for the upcoming knot are side by side. Then bring over the tying cord, and tie the edge knot (that increases the row on that side). On rows 3 and 4, tie the inside knots of the row before tying the edge knots. (Last increasing row has 4 Square Knots.)
 - Tie 3 decreasing rows of alternating Square Knots, to complete alternating Square Knot diamonds.
 - Repeat steps 6-8 with other groups, for a complete row (round) of diamonds.
 - Repeat steps 6-9 for another alternating row (round) of diamonds, starting these 1" below bottom points of first-row triangles.
 - Repeat steps 6-9 for another row of diamonds, starting these 1"-1 1/8" below bottom points of second row (first row of full diamonds).
 - Repeat step 6 about 3/4" below a bottom point of third row (second row of full diamonds). There will not be much space between this and previous row of diamonds.
 - Bring over next 2 cords from each side (from previous row of diamonds) and tie an increasing row of 2 alternating Square Knots. Because of the curve of the ball, this row should be about on the level of lower points of previous-row diamonds.
 - Repeat steps 12 and 13 with other groups.
 - Rows of knots will now use the 8 cords from the 2-knot rows just tied, and the 4 cords from bottom knot of each

full diamond of previous row (tied in step 11). This leaves 2 cords on each side of each step-11 diamonds not needed. Bring these cords (that will be omitted) to center-bottom of ball and tie them together tightly, flush to center-bottom, with a scrap cord.

- With other cords, tie 3 rows of alternating Square Knots all around ball.
- Take the tying cords from 2 adjacent knots of last row and put them up out of the way. Repeat with 2 knots from opposite side of ball. Repeat with 2 knots halfway between these 2 sets on one side; repeat on other side. You have 4 sets of 4 cords each put aside. Bring other cords to center-bottom and tie them tightly around the others there, with a scrap cord.
- Optional: Place a red bead on every other cord of those placed out of the way.
- With each 4-cord set now in use (from step 17), tie a Square Knot.
- Tie 2 tight rows of alternating Square Knots, forming a short tube around cords tied together at center-bottom.
- Trim tassel about 4 1/2" below bottom of ball (or length desired; next optional step shortens tassel).
- Optional: Place 2 beads, with an Overhand Knot (see knotting section) below each, on each cord from Square Knot tube. Trim cords about 3/8" below each Overhand Knot. On sample, finished lengths of these strands are about 2 3/4" below bottom of ball (about 2 1/2" below last row of knots). Add one bead on each other tassel cord, tie an Overhand Knot, and trim 3/8" below knot. On sample, beads and knots were placed at slightly lower points, working from cords near outside of tassel to those inside tassel. Longest finished tassel cords are about 3 1/2" below bottom of ball.



Step 2-5



Step 6
Step 7

PINK 'N PEARLY

Pictured on page 16

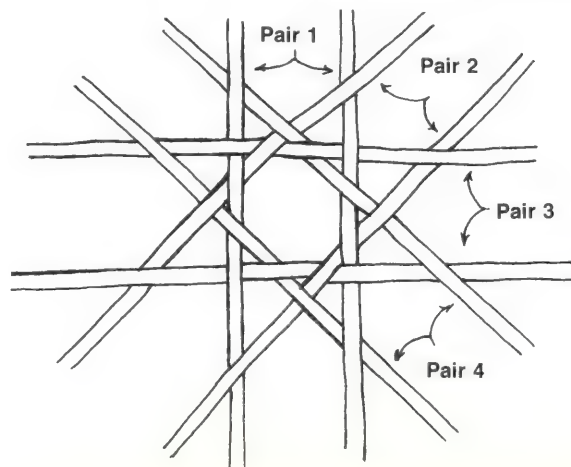
Materials

- 10 2/3 yds. white 3mm braided nylon cord (or large size rayon satin rattail)
- 4" pink satin-wound Christmas ball
- White craft glue
- 56 pink pearl ball-head pins (pearl end of pin is approx. 3mm)

Note: This ornament is worked from center-top and center-bottom to middle.

- Cut 16 cords 2/3 yd. long.
- Using cords in pairs — with each 2 cords parallel and about 3/8" apart — cross 4 pairs across center-top, so there are working cords going in 8 directions, pairs equally spaced around ball. (For a nice effect, though more trouble, you may cross the 8 cords as shown in the diagram.)

Step 2, Optional cord formation

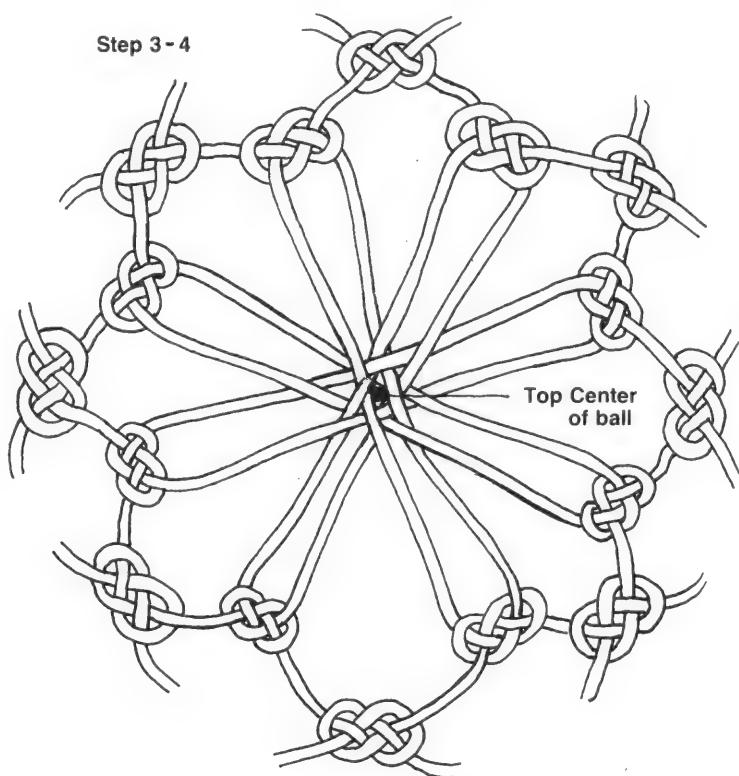


PINK 'N PEARLY

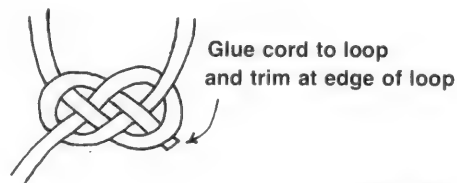
3. Using original pairs, tie a Josephine Knot (see knotting section) with each pair of cords, 1 1/2" (measuring to center of knot) from center-top of ball. You will have 8 knots around.
4. Tie 3 alternating rows of Josephine Knots around at 2 1/4", 2 3/4", and 3 1/2" (measuring to center of knot) from center-top of ball. You now have 4 rows of knots.
5. Repeat step 2 at center-bottom of ball, positioning cord-pairs so that first bottom row of knots will be lined up under 1st and 3rd rows of knots on top side of ball.
6. Starting with original step-5 pairs, tie 3 alternating rows of Josephine Knots, at 1 1/2", 2 1/4", and 2 3/4" (measuring to center of knot) from center-bottom.
7. Hiding cord ends: This will sound more complicated than it is — it is one case of being "easier done than said." The point is to make cord-ends end under or within the knot of center row, so each 2 cords from separate knots look like the same continuous cord.
 - (a) On the side of a center-row knot (last row of step 4) where the cord emerges from under the loop, lift the loop and put a little glue on the underside, gluing the cord to the *loop*. (A toothpick is a good tool for applying glue in these steps.) Cut the cord right at the edge of the loop.
 - (b) Bring up to this knot, the cord that emerges from *under* top loop of the alternating knot of next row down (last row tied working from the bottom), and cut this cord so

that its end reaches about to the middle of center-row knot. Put glue on the end of this cord — top side and bottom side; lift the center-row knot and glue this cord under the knot. Insert a pin, to secure, until glue dries. The cord should look like it is the same cord from center-row knot, carried on to the next row.

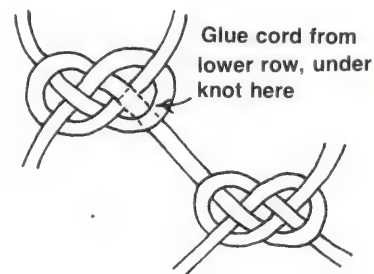
- (c) On other side of same center-row knot, put the cord that emerges over the loop, at end of knot, *under* the loop; it is still under the cross-bar of the knot, as well. Put some glue on the underside of this cord, at point where it is now under the loop (gluing it to *ball*, not to loop), and trim the cord right at edge of loop.
- (d) Bring to this knot the cord from alternating knot below (to the other side of center-row knot from that used in (a) and (b)) that emerges from on top of its knot. Insert this cord under the cross-bar of center-row knot. (Pull knot from row above down toward this center-row knot, to create slack, so you can raise the cross-bar to thread new cord through.) Put some glue under the new cord, at point where it is under the cross-bar, and trim the cord even with the top of the cross-bar (so it goes under but not out the other side). Put some glue under the cross-bar and pin in place till glue dries. This cord should look like same cord from one knot to the next.
- (e) Repeat with all knots on these 2 rows.
8. Optional: Insert a pink pearl pin into center of each knot.



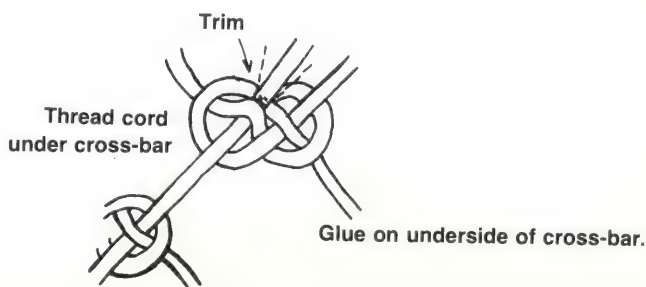
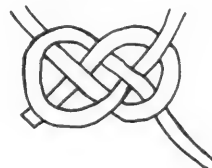
Step 7(a)



Step 7(b)



Step 7(c)



CANDY COLORS

A smaller 2-color variation of "Pink 'n Pearly"

Pictured on page 12

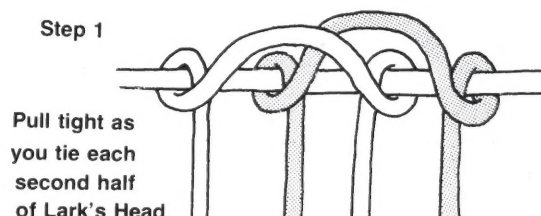
Materials

- 4 yds. red 1½mm satin cord (rayon rattail) — sample used a cranberry red
- 4 yds. green 1½mm satin cord (rayon rattail) — sample used dk. forest green
- 1, 2⅞" white satin-wound Christmas ball
- 12"-16" white waxed linen or other small white string or thread (mounting cords)
- White craft glue

1. Cut four (4) ½-yd. cords of each color. To make working cords alternate colors, mount 4 cords of each color to a 6"-8" small white cord, as shown in the diagram. (These are Lark's Heads, tied one side at a time, with the first half of a different color Lark's Head tied between the 2 sides of the previous Lark's Head. If this is difficult for you, mount 2 cords, 1 of each color, together, with one reverse Lark's Head, and arrange working ends to alternate colors.) Curve holding cord in a circle and tie ends together tightly. Clip holding cord-ends short and hide them under the ring of Lark's Heads. Place circle around center-top of ball.

2. Tie a row of Josephine Knots, about 1¼" from center-top of ball (measuring to center of knot), using a red and a green cord for each knot. Arrange pairs with the red cord on the left (the left side of knot will therefore be green). Knots should be about ½" wide — determine this by tightness or looseness of the knot.
3. Tie 2 alternating rows of Josephine Knots, at 2" and 2¾" from center-top of ball (measuring to center of knot).
4. Repeat step 1 and pin circle around center-bottom of ball. Since you will be working from the bottom up now, cords should be arranged so that pairs of cords for first row have the green cord on the left, and so that first-row knots will be lined up with first and third row knots on top side of the ball. Tie first row about 1¼" from center-bottom.
5. Tie an alternating row of Josephine knots at 2" from center-bottom.
6. Join cords from last step-5 row to center row of knots, as described in step 7 of "Pink 'n Pearly."

Step 1



WINTER SNOWFLAKES

Materials

- 1, ⅞" or ¾" plastic drapery ring
- White large size crochet cotton thread (or similar cord, see General Information on cords):
- Snowflake #1 — 10 yds.
- Snowflake #2 and #3 — 13⅓ yds.

#1. Snowflake

Pictured on page 24

1. Cut 20 cords ½ yd. long and attach them to ring with Lark's Heads (see knotting section), as follows: Each 2 adjacent Lark's Heads will make one group of tying and filler cords. Lark's Head each cord at a point so that tying cords are 16" long and filler cords are 8" long.
2. Tie a row of Square Knots (see knotting section).
3. Tie 2 rows of alternating Square Knots (see knotting section). You must leave a little space before last row, to keep work flat.
4. (a) Under each Square Knot of step 3, skip ⅜" and tie a Square Knot. Push up under previous Square Knot to make picots. Tie a Square Knot right under last one.
- (b) Under every other Square Knot of (a), skip ¾" and tie a Square Knot. Push up to last Square Knot, making picots. Tie a Square Knot right under last one.
- (c) Under Square Knots of (a) not used in (b) (every other), skip ¾" and tie a Square Knot. Push up to ⅜" below previous Square Knot to make loops with tying cords. Tie a Square Knot right under last one.
- (d) Under knots of (b), skip ⅝" and tie a Square Knot. Push knot up to last Square Knot to make picots. Tie another Square Knot directly under last one.
- (e) Under knots of (c), skip ⅝" and tie a Square Knot. Push knot up to ⅜" under last Square Knot, making loops with tying cords. Tie 3 more Square Knots right under last.
- (f) Under knots of (d), skip ⅜" and tie a Square Knot. Push knot up to last, making picots. Tie another Square Knot right under last one.

5. Add a little glue to the back of all final knots (on each arm of the snowflake) and cut cords about ¼" from knots.

#2. Snowflake

Pictured on page 24

1. Cut 20 cords ½ yd. long. Lark's Head each to ring (see knotting section).
2. With each group of 4 working cords, tie a sinnet of 2 Square Knots (see knotting section).
3. Tie 1 alternating row (round) of 2-Square-Knot sinnets, about ¼" from previous round of sinnets.
4. Divide cords into 5 groups of 8 cords each. Using 4 filler cords and 4 tying cords (2 on each side), tie a row of Square Knots about ¼" below previous row of sinnets (5 knots). These alternate with previous row.
5. Number cords in each group 1-8. With cords 4 and 5, tie 5 alternating Half Hitches (see knotting section). With cords 1-3 and with cords 6-8, tie sinnets of 5 Square Knots (1 filler cord in each of these sinnets). Curve Square Knot sinnets toward alternating Half Hitch sinnet and join by tying an alternating Square Knot with cords 1-4 and with cords 5-8. Repeat with all groups.
6. With cords 2-7, tie one Square Knot, using 2 filler cords and 4 tying cords (2 on each side). Repeat with all groups.
7. Put a little glue on back of each step-6 knot and cut cord-ends about ¼" from knot.
8. Cut 10 cords 12" long. Attach 2 cords in each space between arms of snowflake, with Lark's Heads — one cord in each loop created by alternating cords at that point. In each space, with the 4 new working cords:
 - (a) Tie a Square Knot.
 - (b) Skip ⅝" and tie another Square Knot. Push this Square Knot up to ⅜" below last one, forming loops with the tying cords.
 - (c) Tie one more Square Knot right below last. Repeat (a) through (c) with all groups.
9. Put a little glue on back of each step-8c knot and cut cords about ¼" below knot.

WINTER SNOWFLAKES

#3. Snowflake

Pictured on page 16

1. Cut 20 cords $\frac{1}{2}$ yd. long and mount each to ring, with a Lark's Head (see knotting section).
2. With each set of 4 working cords, tie 4 Half Knots (see knotting section) — 10 sinnets.
3. Alternate cords and tie 3 Half Knots, or $1\frac{1}{2}$ Square Knots, with each new group.
4. Divide cords into groups of 8 cords each, alternating with previous row. With the left 4 cords, tie a sinnet of 4 Square Knots. Tie the first of these so that the right filler and tying cord are tied right under the step-3 sinnet to the right, and the left filler and tying cord are pulled over to this point from the step-3 sinnet to the left. With the right 4 cords of the group, tie 4 Square Knots. Tie the first of these so that the left filler and tying cord are tied right under the step-3 sinnet to the left and the right filler and tying cords are pulled over to this point. Repeat with all groups.
5. Tie an alternating Square Knot with cords 3-6 of each 8-cord group. Tie 2 more Square Knots under each of these (to make 3-knot sinnets).
6. With cords 1 and 2 of each 8-cord group, tie 10 alternating Half Hitches. Repeat with cords 7 and 8 of each group.
7. Join alternating Half Hitch sinnets on each side to Square Knot sinnet in center by tying 2 alternating Square Knots (with cords 1-4 and cords 5-8). Repeat with all groups.
8. Tie an alternating Square Knot with cords 3-6. Drop $\frac{1}{4}$ " and tie another Square Knot. Push up to make small picots. Repeat with all groups.
9. Cut 10, 12" cords. Attach one, with Lark's Head, in each loop between 8-cord groups (there are 2 loops in each space; attach 2 cords in each space).
10. With each group of 4 new working cords (in each space):
 - (a) Tie a Square Knot.
 - (b) Drop down $\frac{1}{4}$ " and tie a Square Knot; push up to make picots.
 - (c) Drop down $\frac{1}{2}$ ", tie a Square Knot, and push up to make picots.
 - (d) Repeat (b).
 - (e) Repeat (a) (right under last Square Knot).
11. Put a little glue on back of all final knots and cut cords about $\frac{1}{2}$ " below knots.

If using large crochet cotton (or cord of similar flexibility), you may want to stiffen snowflakes. Do so by dipping them in a solution of white glue and water (about 1 tablespoon of glue to $\frac{1}{2}$ cup of water). Hang to dry.

OLD LACE & ROSES

Victorian Tree Ornament

Pictured on page 24

Materials

- 41 $\frac{3}{4}$ yds. Ecru large-size crochet cotton thread (see General Information on cords)
 - 3" metal ring
 - Approx. 310 pink giant rocaille (3-4mm transparent glass) beads — 136 are for knotted sections, remainder for tassel
 - 1 $\frac{1}{2}$ " plastic-foam ball
 - 8 small pink roses (plastic or fabric) with leaves (sample used plastic and made them metallic by rubbing on rose quartz metallic wax)
 - One plastic-foam ball that will fit inside ring (this will be a tool — see step 11)
1. Cut and attach to ring, with a Square Knot (see knotting and techniques sections), the following cords, left to right: 1 cord 2-yds.-6-in. long and 15 cords $1\frac{1}{4}$ yds. long. Tie the Square Knot at midpoint of cord, using the ring as filler. One tying cord from each knot is on one side of ring, the other tying cord is on other side of ring.
 2. Using the 16 working cords on one side of ring: With cords 2-14, tie a row of 3 Square Knots. Work can be done on knotting board, at this point.
 3. Tie 2 rows of alternating Square Knots (see knotting section) — a 4-knot, then a 3-knot row.
 4. Add a pink bead to each outside cord.
 5. Repeat steps 3 and 4 alternately for $1\frac{1}{2}$ " (about 14 rows total) — end with a 4-knot row.
 6. Turn ring over and repeat steps 2-5 with cords on other side. (You can still work on board by placing ring at top edge of board.)
 7. The cords knotted in previous steps will be centered (where attached) on the left side of ring and the 2 knotted sections will eventually cross the ring horizontally. Mount the next cords so that working cords will be at a right angle to previous cords, centering new cords on the top side of the ring. Mount fifteen (15) $1\frac{1}{4}$ -yd. cords, with Square Knots, as before. Immediately above the knotted cords at left, mount a 2-yd.-6-in. cord with a Square Knot. At the corresponding point on right of ring (same distance down from top cords) mount another 2-yd.-6-in. cord, with a Square Knot.
 8. With each 2-yd.-6-in. cord, tie Square Knots upward, to cover the ring (ring is filler) until you reach the top cords — about 12 knots; squeeze them together tightly. The ends of these cords become additional top cords (2 on each side of ring), so that you now have 16 working cords on front and on back of ring, at top.
 9. With each set of 16 cords (on front and on back), repeat steps 2-5. These sections will eventually cross the ring vertically.
 10. On one side (front or back), put a bead on every other cord (odd-numbered cords) of side set and top set.
 11. Where the 2 sets of cords cross, use them in pairs and weave them (over 2 cords, under 2 cords, etc.). To make this and subsequent steps easier to work, cut in half a plastic foam ball that is a little smaller than inside diameter of ring. Put the flat side of half-ball on your board and place ring over the half-ball; you now have a curved working surface.
 12. Start at top for one set and at side that's already been knotted for other set, and put a bead on even-numbered cords. This will keep the beads on every other cord all around the woven square.
 13. Tie a Square Knot with each 4 cords along the untied edges of the woven area. To keep these knots in a straight line and to keep the level accurate, start next to both alternating Square Knot sections and work toward the unknotted corner, alternating a knot on one edge, then a knot on the other edge, until corner is reached from both directions.
 14. Repeat steps 10-13 on other side (front or back). Turn your plastic-foam working surface around so that curved side is under your current work. It's okay to squash first side under the half-ball, for now, while you work second side.
 15. With each section of 16 cords from woven squares (2 sections on front, 2 on back), tie alternating Square Knots

OLD LACE & ROSES

for 1½" — 14 rows total — putting a bead on each outside cord on the 3-knot rows. Row 13 should be a 4-knot row and row 14 a 3-knot row (do not put beads on cords of this last row). Turn the curved side of the plastic-foam working surface toward the side you're working on, for each section.

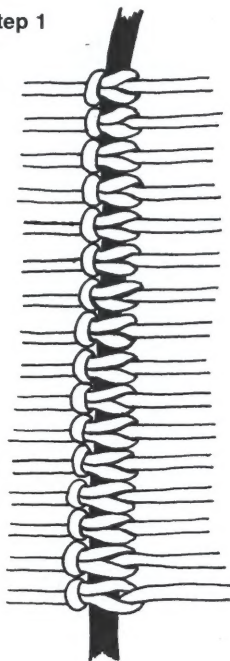
16. Remove plastic-foam half-ball. Hold the ring and knotting between your knees with the right side of ring (where cords are not attached) facing you. Starting right below the covered part of ring, take the top cord from the front horizontal section and the top cord from the back horizontal section and tie a Square Knot onto the ring (ring is filler). Lay these cord-ends along the ring to be used as extra filler for next knot (glue them to ring, right below their knot, for extra security, if desired). Tie a Square Knot with the next 2 cords down — 1 from front, 1 from back. Trim off the filler cords that were used along with ring and place the new tying cords with ring as addition filler for next knot. Repeat all the way down, leaving the last 2 tying cords long.
17. With last set of tying cords, cover ring downward, with 12 Square Knots, using ring as filler. These tying cord ends will be later used with ring as additional filler.
18. Using a Square Knot as before, attach a 1-yd. cord to left side of ring, right below horizontal sections. Cover ring downward, with 12 Square Knots, as before. Tying cord ends will later be extra fillers.
19. Work from outsides toward center and tie cords from vertical sections onto bottom of ring. If you're patient, you can continue Square Knots here. But space is small, so if Square Knots are difficult, just tie simple knots (Half Knots), pulling them tight. After each knot, use tying cords

along with ring as fillers, but do not trim them. (Tying cord ends from cords covering lower sides of the ring are also included with ring as filler.) Do this for 5 or 6 knots on each side, then you can let all tying cords — current and previous — hang down while you tie the remaining vertical-section cords to the ring.

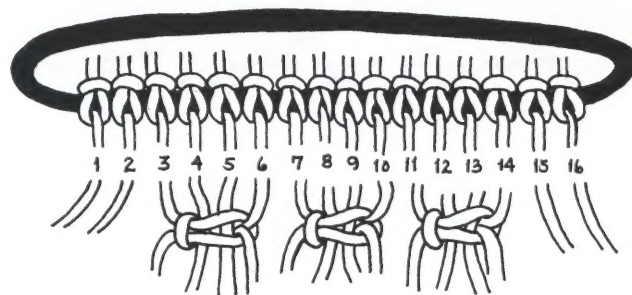
Tassel:

20. Choose 16 cords, spaced fairly evenly around the cords hanging down. With these, tie a row (round) of Square Knots, then 2 rows (rounds) of alternating Square Knots, tightly around other cords, forming a small tube around top of tassel.
21. Place beads randomly on tassel cords, at different levels — some single and some in groups varying from 2-4; use from 2-7 beads on each strand. Tie an Overhand Knot (see knotting section) under each bead or each group of beads, to hold it (them) at the level you wish. Place one of the beads of each strand at bottom — about 2⅞" below bottom of ring. Cut each cord about ⅜" below final Overhand Knot. The ornament is pretty just as it is, if you wish to use it without the roses. If needed (and it is wise, if using crochet cotton or cord of similar flexibility), stiffen ornament by dipping it in a solution of white glue and water (about 1 tablespoon of glue to ½ cup of water). Do not dip tassel. Adjust to proper shape by pressing or pulling with your fingers, where needed, and hang it up to dry.
22. Place the 1½" plastic-foam ball inside ornament (force it through one of the open triangular spaces). Insert a rose through each open space and into the plastic-foam ball. These will position plastic-foam ball in center. Roses should extend slightly to outside of open spaces.

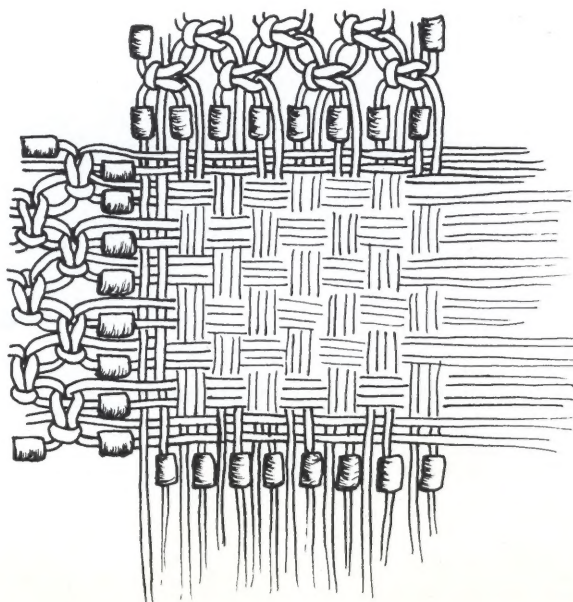
Step 1



Step 2



Steps 10-12





CHRISTMAS FLOWER #3



SNOWFLAKE #2



SNOWFLAKE #1



OLD LACE & ROSES